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U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORPS OF ENGINEERS

STAGES AND DISCHARGES
OF THE
MISSISSIPPI RIVER AND TRIBUTARIES
AND
OTHER WATERSHEDS
IN THE
NEW ORLEANS DISTRICT
FOR 1987



DTIC
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U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORPS OF ENGINEERS

STAGES AND DISCHARGES
OF THE
MISSISSIPPI RIVER AND TRIBUTARIES
AND
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FOR 1987



INTRODUCTION

THIS PAMPHLET CONTAINS THE RESULTS OF STAGE AND DISCHARGE OBSERVATIONS MADE ON THE MISSISSIPPI RIVER, ITS OUTLETS AND TRIBUTARIES, AND OTHER STREAMS AND WATERWAYS IN THE US ARMY ENGINEER DISTRICT, NEW ORLEANS, DURING THE 1987 CALENDAR YEAR.

IN ADDITION TO THE RECORDS OF THIS DISTRICT, THERE ARE CONTAINED HEREIN GAGE AND DISCHARGE DATA FURNISHED BY THE US GEOLOGICAL SURVEY, AND GAGE RECORDS FURNISHED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.

GAGES OPERATED BY THE NEW ORLEANS DISTRICT ARE GENERALLY INSPECTED AT LEAST ONCE EACH YEAR. THE DATUM USED IS THAT OF THE 1929 NATIONAL GEODETIC VERTICAL DATUM BY THE NATIONAL OCEAN SURVEY. GAGES ARE BEING ADJUSTED TO AGREE WITH BENCHMARK CHANGES ALSO FURNISHED BY THE NATIONAL OCEAN SURVEY. REFER TO THE GENERAL INFORMATION SECTION AT EACH STATION FOR SPECIFIC ADJUSTMENTS. GAGE READINGS ARE CHECKED AGAINST INSPECTION REPORTS AND COMPARATIVE HYDROGRAPHS AND ARE CORRECTED WHERE THE NEED IS INDICATED.

STAGES ARE READINGS OF WATER SURFACE ELEVATIONS EXPRESSED IN FEET ABOVE THE ZERO OR REFERENCE POINT OF THE GAGE. THE REFERENCE POINT IS REFERRED TO EITHER NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD) OR MEAN LOW GULF DATUM. MEAN LOW GULF IS 0.78 FOOT BELOW NGVD. NATIONAL GEODETIC VERTICAL DATUM OF 1929 IS USED IN LIEU OF SEA LEVEL DATUM OF 1929 (MSL).

DISCHARGE IS THE QUANTITY OF WATER FLOWING PAST A CROSS SECTION OF THE STREAM IN A UNIT OF TIME. IT IS EXPRESSED IN CUBIC FEET PER SECOND.

DISCHARGE DATA CONSIST OF A BRIEF DESCRIPTION OF THE GAGING STATION, RESULTS OF DISCHARGE OBSERVATIONS, AND WHERE DETERMINED, COMPUTED DAILY FLOWS.

ANNUAL HIGHEST AND LOWEST STAGES ARE REPORTED FOR MOST OF THE DAILY GAGE STATIONS. IN DETERMINING THESE EXTREME RECORDS, ALL AVAILABLE GAGE DATA, INCLUDING CONTINUOUS RECORDER CHARTS, TWICE-DAILY GAGE READINGS, AND GAGE RECORDS TAKEN FROM DISCHARGE NOTES, INSPECTION REPORTS, ETC., ARE USED. THE TIME OF OCCURRENCE USUALLY IS REPORTED FOR THE ANNUAL HIGHEST STAGE BUT NOT FOR THE ANNUAL LOWEST STAGE.

THE TIME OF OBSERVATION REFERS TO CENTRAL STANDARD TIME.

THE ENCLOSED STREAM GAGING MAP SHOWS THE GAGING SYSTEMS OPERATED BY THE DISTRICT DURING THE REPORTING PERIOD. THE MAP CONTAINS AN INDEX FOR FINDING GAGE AND DISCHARGE RECORDS WITHIN THE PAMPHLET BY THE SYSTEM ARRANGEMENT.

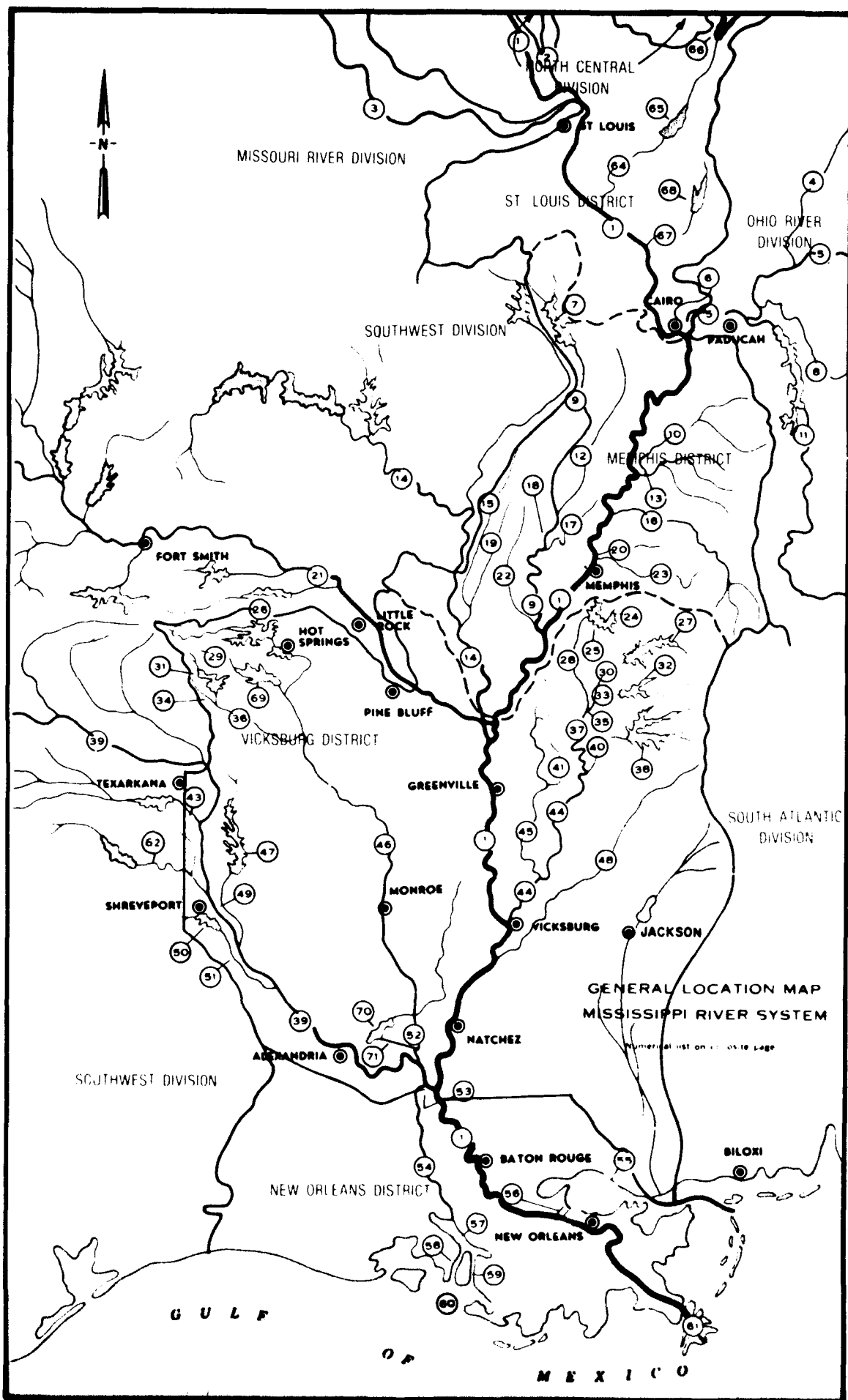
LLOYD K. BROWN
COLONEL, CORPS OF ENGINEERS
DISTRICT ENGINEER



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| 2. Illinois River | 38. Grenada Reservoir |
| 3. Missouri River | 39. Red River |
| 4. Wabash River | 40. Yalobusha River |
| 5. Ohio River | 41. Quiver River |
| 6. Cache River | 43. Sulphur River |
| 7. Wappapello Reservoir | 44. Yazoo River |
| 8. Cumberland River | 45. Big Sunflower River |
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HIGHEST AND LOWEST STAGES OF THE MISSISSIPPI RIVER AND ITS OUTLETS AND TRIBUTARIES

| LOCATION | RIVER MILES ^a | DRAINAGE AREA SQ MILES | BANKFULL STAGE FT | LOW-WATER STAGE ^b | HIGHEST STAGE | | | | LOWEST STAGE | | | |
|------------------------------|--------------------------|------------------------|-------------------|------------------------------|------------------|----------------------------|---------|----------------------------|------------------|----------------------------|---------|----------------------------|
| | | | | | PRIOR TO 1987 | | 1987 | | PRIOR TO 1987 | | 1987 | |
| | | | | | DATE | STAGE FT NOVD ^c | DATE | STAGE FT NOVD ^c | DATE | STAGE FT NOVD ^c | DATE | STAGE FT NOVD ^c |
| MISSISSIPPI RIVER | | | | | | | | | | | | |
| NEAR KNOX LANDING, LA | 313.7 | 1,124,700 | 51 | 12.3 | MAY 13, 1973 | 61.20 | MAR 14* | 50.70 | JAN 28-30, 1936 | 8.2 | NOV 4 | 13.30 |
| RED RIVER LANDING, LA | 302.4 | 1,125,000 | 46 | 10.6 | MAY 14-17, 1927 | 60.94 | MAR 15 | 47.90 | NOV 14, 1895 | 2.89 | NOV 4 | 11.95 |
| BAYOU SARA, LA | 265.4 | 1,125,400 | 36 | 5.3 | MAY 15, 1927 | 55.46 | MAR 13* | 41.10 | NOV 16, 1895 | 0.96 | OCT 29* | 7.30 |
| BATON ROUGE, LA | 228.4 | 1,125,810 | 29 | 2.6 | MAY 15, 1912 | 47.28 | MAR 15 | 32.26 | NOV 14, 1894 | -0.07 | NOV 13 | 3.15 |
| PLAQUEMINE, LA | 208.8 | 1,125,830 | 25 | 1.7 | MAY 15, 1927 | 43.04 | - | - | NOV 14, 1894 | -0.90 | - | - |
| DONALDSONVILLE, LA | 175.4 | 1,125,840 | 23 | 1.3 | MAY 15, 1927 | 36.01 | MAR 15 | 25.84 | JAN 12, 1918 | -0.39 | NOV 2 | 3.20 |
| COLLEGE POINT (LA) | 157.4 | 1,125,870 | 17 | 1.1 | MAY 15, 1927 | 32.32 | MAR 18 | 21.60 | JAN 12, 1918 | -0.6 | NOV 11 | 1.80 |
| RESERVE, LA | 138.7 | 1,125,880 | 15 | 0.7 | JUN 11, 1929 | 26.0 | MAR 18 | 18.40 | FEB 3, 1940 | -0.1 | AUG 23 | 1.70 |
| BONNET CARRE (LA) | 128.0 | 1,125,890 | 14 | 0.7 | JUN 10, 1929 | 23.79 | MAR 18 | 16.80 | JAN 24, 25, 1940 | -0.62 | OCT 21 | 1.44 |
| NEW ORLEANS (CARROLLTON), LA | 102.8 | 1,125,910 | 11 | 0.5 | APR 25, 1922 | 21.27 | MAR 17 | 14.05 | DEC 27, 1872 | -1.40 | OCT 29 | 0.94 |
| CHALMETTE, LA | 91.0 | 1,125,920 | 8 | 0.1 | APR 25, 26, 1927 | 17.58 | MAR 17 | 12.18 | JAN 24, 26, 1940 | -0.32 | AUG 17 | 0.84 |
| WEST POINT A LA MACHE, LA | 48.7 | 1,125,940 | 3 | 0.1 | SEP 9, 1965 | 15.25 | MAR 17 | 7.47 | JAN 24, 25, 1940 | -1.06 | OCT 29 | 0.17 |
| EMPIRE, LA | 29.5 | 1,125,960 | 1 | -0.2 | AUG 17, 1969 | 10.92 | MAR 17 | 5.78 | MAR 19, 1977 | -0.74 | AUG 20 | 0.17 |
| FORT JACKSON, LA | 18.6 | 1,125,965 | 2 | -0.4 | AUG 17, 1969 | 14.03 | - | - | MAR 7, 1893* | -2.67 | - | - |
| HEAD OF PASSES (LA) | -0.6 | 1,125,970 | 1 | -0.4 | AUG 17, 1969 | 12.03 | MAR 23 | 3.34 | FEB 21, 1940* | -0.85 | AUG 18* | -0.18 |
| OLD RIVER OUTFLOW | | | | | | | | | | | | |
| NEAR KNOX LANDING, LA | 0.5 | 1,124,700 | 49 | 8.0 | MAY 15, 1973 | 59.30 | MAR 14* | 34.90 | JUL 16, 1964 | 1.32 | NOV 11 | 6.30 |
| OLD RIVER | | | | | | | | | | | | |
| TORRAS, LA (LOCK FOREBAY) | - | - | - | - | MAY 15, 1927 | 61.6 | MAR 15 | 48.40 | NOV 4, 1939 | 3.3 | NOV 6 | 12.10 |
| ATCHAFALAYA RIVER | | | | | | | | | | | | |
| SIMMESPORT, LA | 4.9 | 87,570 | 46 | 6.9 | MAY 16, 1927 | 38.13 | MAR 14* | 30.50 | OCT 17, 1976 | 0.70 | NOV 11 | 2.30 |
| KROTI SPRINGS, LA | 41.3 | 93,328 | 37 | 6.1 | MAY 15, 1927 | 38.5 | MAR 17 | 21.70 | OCT 18, 1976 | 0.90 | NOV 11 | 1.15 |
| LOWER ATCHAFALAYA RIVER | | | | | | | | | | | | |
| MORGAN CITY, LA | 117.7 | 94,800 | 4 | -0.8 | MAY 28, 1973 | 10.53 | MAR 17 | 5.50 | AUG 25, 1926 | -5.44 | NOV 11 | -0.10 |

^a DISTANCES OF THE MISSISSIPPI RIVER ARE MEASURED FROM HEAD OF PASSES (LA). DISTANCES FOR STATIONS IN THE ATCHAFALAYA BASIN ARE FROM HEAD OF ATCHAFALAYA RIVER, VIA THE MAIN CHANNEL OF THE BASIN TO THE GULF. ALTHOUGH SOME GAGES HAVE BEEN MOVED, DISTANCES SHOWN REFER TO THEIR PRESENT LOCATIONS.

^b REFERS EITHER TO AVERAGE LOW WATER PLANE, MEAN LOW WATER, OR LOW WATER REFERENCE PLANE.

^c IN SOME CASES, THE RECORD STAGE MAY BE DETERMINED FROM A WATERMARK OR FROM A READING ON A LOCAL GAGE, SINCE ABANDONED.

* AND LATER DATES (IN THE YEAR)

° AFFECTED BY HURRICANE

~ POSSIBLY EXCEEDED DURING PERIOD OF NO RECORD

+ AND ALSO IN LATER YEARS

MONTHLY AND YEARLY MEAN STAGES OF THE MISSISSIPPI RIVER FOR 1987

| LOCATION | MONTHLY MEAN STAGES | | | | | | | | | | | | YEARLY MEAN STAGE |
|---------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| KNOX LANDING, LA | 24.37 | 34.96 | 46.85 | 42.69 | 32.08 | 30.48 | 27.13 | 19.02 | 18.69 | 15.74 | 19.17 | 28.50 | 29.11 |
| RED RIVER LANDING, LA | 32.25 | 32.67 | 44.46 | 40.23 | 29.58 | 27.81 | 24.56 | 16.85 | 16.46 | 13.83 | 17.39 | 26.38 | 26.84 |
| BAYOU SARA, LA | 26.39 | 26.50 | 37.84 | 33.77 | 23.48 | 21.52 | 18.39 | 11.22 | 11.14 | 8.92 | 12.06 | 20.20 | 20.92 |
| BATON ROUGE, LA | 18.83 | 18.89 | 29.17 | 25.64 | 16.21 | 14.23 | 11.48 | 5.76 | 5.92 | 4.32 | 6.86 | 13.06 | 14.19 |
| DONALDSONVILLE, LA | 13.90 | 13.90 | 22.50 | 19.30 | 11.80 | 10.10 | 8.20 | 4.60 | 4.90 | 4.10 | 5.40 | 9.30 | 10.70 |
| COLLEGE POINT, LA | 11.35 | 11.20 | 19.15 | 16.44 | 9.67 | 7.93 | 6.49 | 3.23 | 3.49 | 2.83 | 3.99 | 7.16 | 8.56 |
| RESERVE, LA | 9.37 | 9.24 | 16.29 | 13.80 | 7.86 | 6.30 | 4.95 | 2.57 | 2.82 | 2.27 | 3.26 | 5.77 | 7.06 |
| NEW ORLEANS, LA | 6.62 | 6.48 | 11.76 | 9.96 | 5.69 | 4.61 | 3.85 | 2.19 | 2.46 | 1.80 | 2.35 | 3.93 | 5.13 |
| CHALMETTE, LA | 6.42 | 6.37 | 10.14 | 8.67 | 4.94 | 4.00 | 3.35 | 1.96 | 2.24 | 1.65 | 2.09 | 3.35 | 4.72 |
| WEST POINT A LA MACHE, LA | 3.46 | 3.42 | 6.04 | 5.24 | 3.35 | 2.91 | 2.44 | 1.64 | 1.79 | 1.31 | 1.48 | 1.94 | 2.91 |
| EMPIRE, LA | 2.49 | 2.51 | 4.59 | 3.97 | 2.78 | 2.54 | 2.21 | 1.55 | 1.63 | 1.19 | 1.27 | 1.61 | 2.36 |
| HEAD OF PASSES, (LA) | 0.85 | 1.18 | 2.36 | 1.82 | 1.61 | 1.71 | 1.64 | 1.11 | 1.19 | 0.54 | 1.04 | 1.47 | 1.38 |

MAXIMUM, MINIMUM, AND MEAN DISCHARGES OF THE MISSISSIPPI RIVER AND ITS OUTLETS AND TRIBUTARIES

| LOCATION | RIVER MILE a | DRAINAGE AREA SQ MILES | MAXIMUM DISCHARGE | | | MINIMUM DISCHARGE | | | MEAN DISCHARGE C F S c |
|---|--------------------|------------------------------|-------------------|-------------------------|----------------------------|-------------------|-------------------------|----------------------------|---------------------------------|
| | | | PRIOR TO 1987 | | 1987 DISCHARGE C F S | PRIOR TO 1987 | | 1987 DISCHARGE C F S | |
| | | | YEAR | DISCHARGE C F S b | | YEAR | DISCHARGE C F S b | | |
| MISSISSIPPI RIVER TARBERT LANDING, MISS RED RIVER LANDING, LA | 306.3 302.0 | 1,124,900 1,125,000 | 1937 1927 | 1,977,000 61,779,000 | 974,000 - | 1939 1939 | 85,000 75,000 | 146,000 - | 406,000 - |
| OLD RIVER OUTFLOW NEAR KNOX LANDING, LA | 0.5 | 1,124,700 | 1973 | 610,000 | 275,000 | 1962 | 0 | 0 | 100,000 |
| LOWER OLD RIVER TORRAS, LA | 1.0 | - | 1937 | 6519,000 | - | 1912 | 6316,000 | - | - |
| ATCHAFALAYA RIVER SIMMESPORT, LA | 8.2 | 87,570 | 1973 | 781,000 | 419,000 | 1964 | 10,500 | 52,000 | 175,000 |

^a DISTANCES OF THE MISSISSIPPI RIVER ARE MEASURED FROM HEAD OF PASSES (LA) TRIBUTARY DISTANCES ARE FROM MOUTH

^b DISCHARGE MAY BE EITHER COMPUTED, MEASURED, OR ESTIMATED ALSO, DISCHARGE MAY NOT BE AVAILABLE FOR THE RECORD STAGE

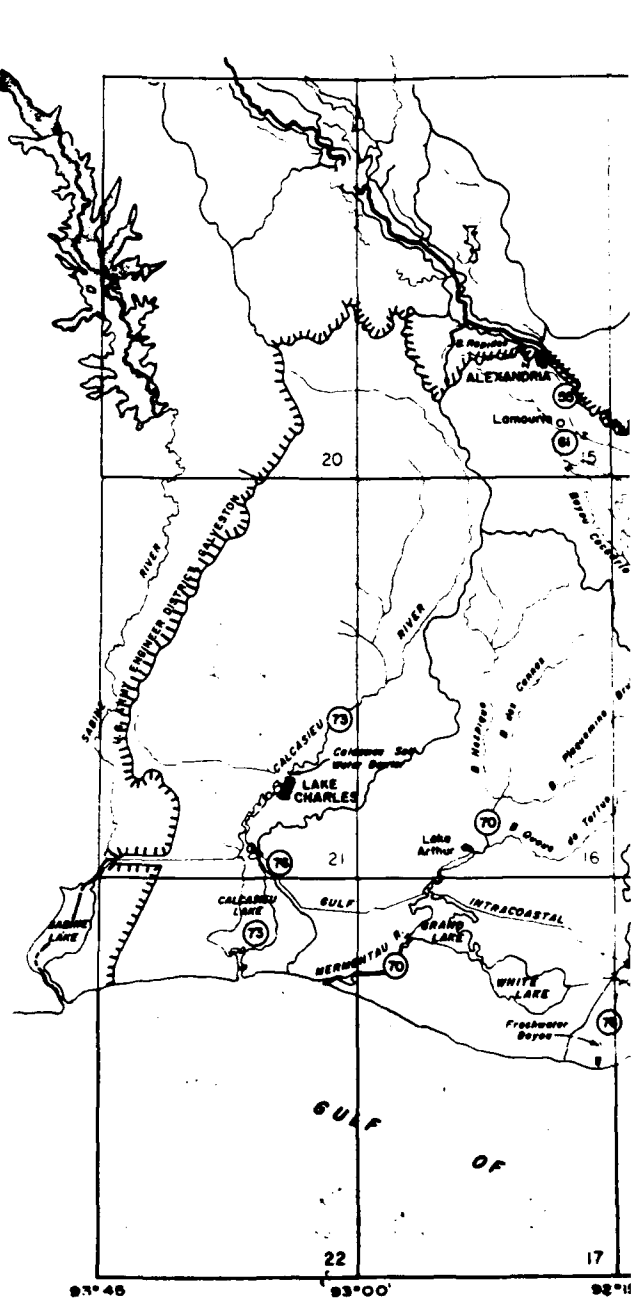
^c TOWARD ATCHAFALAYA RIVER

^d TOWARD MISSISSIPPI RIVER

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| 82 | Bayou LaFourche and Vicinity | 219 | (*) |
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* Discharge not included in this publication.



U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS

STREAM GAGING INDEX MAP

SCALE

0 10 20 30 MILES

1987

LEGEND



Sheet number and area covered by location maps of stream gaging installations, scale 1:250,000



Stream gaging systems



Drainage boundary



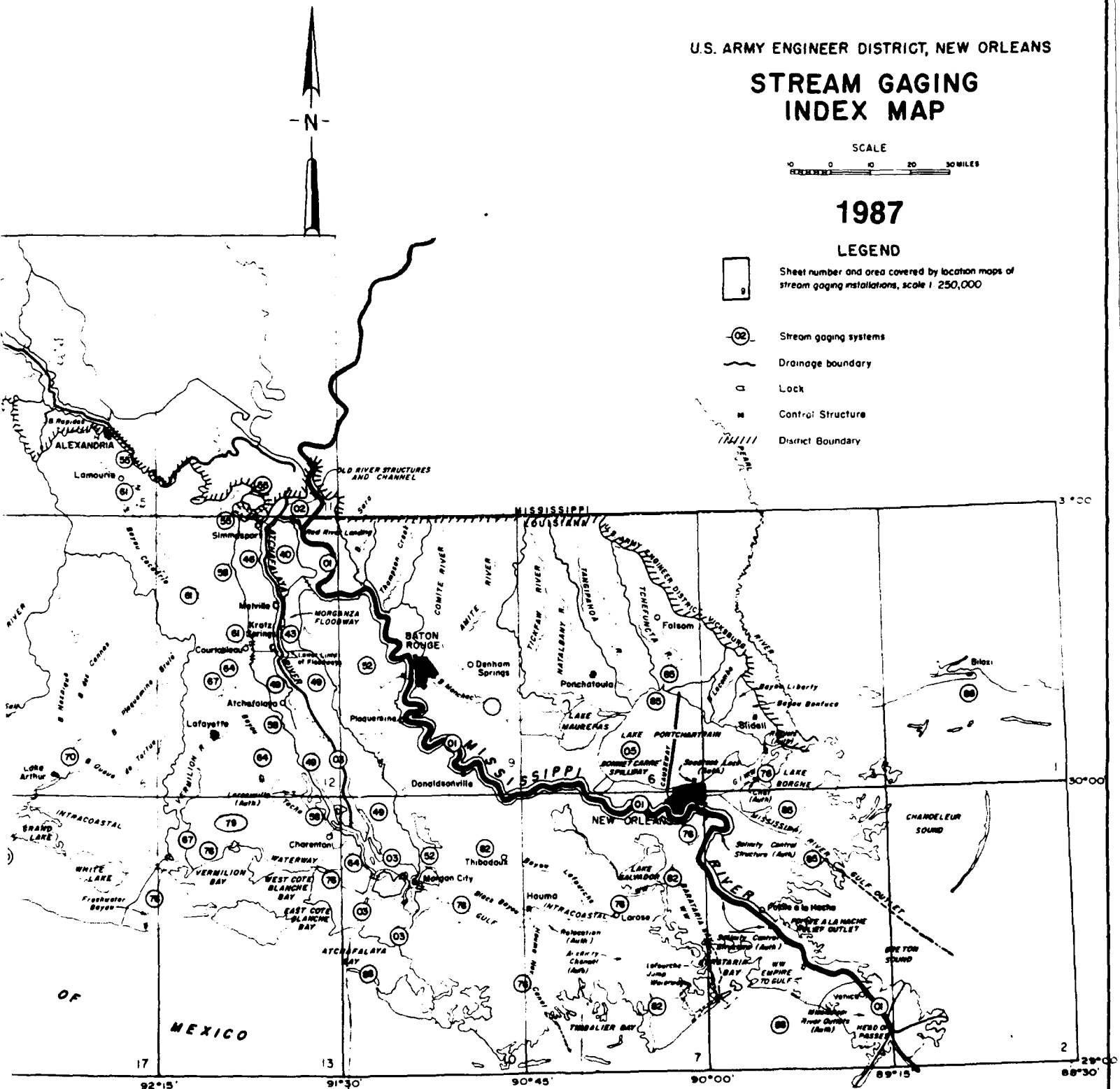
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Control Structure



District Boundary



FILE NO H-20-22694

PART I
STAGES AND DAILY DISCHARGES
OF THE
MISSISSIPPI RIVER AND TRIBUTARIES
AND
OTHER WATERSHEDS

DAILY STAGE FOR 1987

MISSISSIPPI RIVER NEAR KNOX LANDING, LA.

LOCATION. LAT. 31-04-25. LONG. 91-34-55. MILE 313.7, ON RIGHT BANK AT OLD LEVEE, ABOUT 3/4 MILE
DOWNSTREAM FROM INLET CHANNEL TO OLD RIVER CONTROL STRUCTURE. (STA. 0108011.)

GAGE. AUTOMATIC RECORDER AND STAFF(S).

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) ABOUT 1,124,700 SQUARE MILES (CONTRIBUTING).
BANKFULL STAGE, 51 FEET. LOW WATER REFERENCE PLANE, 12.3 FEET ON GAGE. STAGE IS AFFECTED BY
THE DIVERSION OF WATER THRU OLD RIVER CONTROL STRUCTURE.

RECORDS AVAILABLE. STAGE, OCT. 20, 1955, TO MAR. 10, 1961, AND JUNE 30, 1961, TO DATE. PRIOR TO
JUNE 30, 1961, GAGE WAS ABOUT 0.8 MILE UPSTREAM.

EXTREMES. HIGHEST, 63.15 FEET ON MAY 31, 1983. LOWEST, 8.2 FEET FROM JAN. 28 TO 30, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 39.74 | | 39.30 | 44.60 | 43.43 | 27.58 | 25.22 | 22.15 | 19.20 | 18.79 | 14.07 | 26.95 |
| 2 | 39.05 | 34.70 | 40.00 | 44.15 | 43.05 | 28.05 | 25.20 | 21.27 | 18.65 | 19.00 | 12.12 | 27.25 |
| 3 | 38.46 | 34.20 | 40.85 | 43.60 | 42.30 | 28.45 | 25.42 | 20.68 | 18.10 | 19.00 | 14.08 | 27.20 |
| 4 | 38.30 | 33.73 | 42.40 | 43.01 | 41.30 | 29.05 | 25.20 | 20.20 | 17.70 | 18.80 | 13.91 | 26.99 |
| 5 | 38.40 | 33.20 | 43.55 | 42.60 | 40.78 | 29.80 | 24.79 | 20.00 | 17.70 | 18.30 | 13.69 | 26.68 |
| 6 | 38.40 | 32.85 | 44.98 | 42.40 | 39.70 | 30.95 | 24.38 | 19.79 | 18.10 | 17.91 | 13.60 | 26.65 |
| 7 | 38.20 | 32.80 | 46.05 | 42.28 | 38.78 | 32.00 | 24.57 | 19.68 | 19.00 | 17.60 | 13.65 | 26.55 |
| 8 | 37.66 | 32.90 | 47.10 | 42.32 | 38.13 | 32.95 | 24.72 | 19.83 | 19.90 | 17.30 | 13.61 | 26.30 |
| 9 | 36.85 | 33.10 | 48.15 | 42.35 | 37.20 | 33.88 | 24.80 | 19.89 | 20.60 | 17.00 | 13.60 | 26.40 |
| 10 | 36.10 | 33.40 | 48.75 | 42.38 | 36.03 | 34.20 | 24.92 | 19.51 | 20.70 | 16.74 | 13.90 | 26.95 |
| 11 | 34.95 | 33.90 | 49.30 | 42.52 | 34.87 | 34.20 | 25.16 | 19.48 | 20.70 | 16.42 | 14.08 | 27.23 |
| 12 | 33.90 | 34.20 | 49.70 | 42.60 | 33.80 | 34.10 | 25.83 | 19.74 | 20.60 | 16.02 | 14.20 | 27.23 |
| 13 | 33.20 | 34.30 | 50.00 | 42.55 | 33.08 | 33.92 | 26.82 | 19.90 | 20.20 | 15.60 | 13.99 | 27.10 |
| 14 | 32.80 | 34.35 | 50.70 | 42.28 | 32.10 | 33.79 | 27.85 | 19.73 | 19.60 | 15.20 | 14.30 | 26.60 |
| 15 | 32.50 | 34.35 | 50.70 | 41.98 | 32.00 | 33.49 | 28.95 | 19.82 | 19.00 | 15.10 | 14.60 | 26.02 |
| 16 | 32.25 | 35.10 | 50.00 | 41.55 | 31.60 | 33.10 | 29.87 | 19.46 | 18.50 | 14.87 | 14.99 | 25.40 |
| 17 | 31.80 | 34.70 | 49.50 | 41.30 | 30.90 | 32.60 | 30.50 | 18.75 | 18.50 | 14.88 | 18.90 | 24.77 |
| 18 | 32.22 | 34.75 | 49.52 | 41.35 | 30.10 | 31.95 | 30.65 | 18.30 | 18.53 | 14.70 | 21.40 | 24.50 |
| 19 | 33.25 | 35.05 | 49.55 | 41.59 | 29.10 | 31.30 | 30.60 | 17.99 | 18.52 | 14.78 | 22.72 | 24.50 |
| 20 | 32.40 | 35.25 | 49.10 | 41.78 | 28.08 | 30.96 | 30.33 | 17.55 | 18.23 | 14.60 | 24.70 | 25.18 |
| 21 | 32.18 | 35.40 | 48.50 | 41.88 | 27.03 | 30.68 | 30.18 | 17.13 | 17.80 | 14.28 | 26.28 | 25.88 |
| 22 | 32.31 | 36.20 | 48.10 | 42.25 | 26.00 | 29.89 | 30.10 | 16.80 | 17.73 | 14.09 | 27.16 | 26.83 |
| 23 | 32.10 | 37.25 | 47.64 | 42.60 | 25.23 | 29.44 | 30.05 | 16.70 | 17.84 | 14.10 | 27.25 | 27.70 |
| 24 | 32.05 | 37.05 | 47.60 | 42.90 | 24.68 | 28.70 | 29.80 | 16.93 | 17.88 | 14.45 | 27.09 | 28.65 |
| 25 | 31.80 | 37.15 | 47.10 | 43.19 | 24.22 | 28.09 | 29.25 | 17.18 | 17.70 | 14.30 | 26.39 | 29.53 |
| 26 | 32.25 | 37.15 | 46.60 | 43.55 | 23.85 | 27.45 | 28.54 | 17.50 | 17.95 | 14.09 | 25.80 | 30.55 |
| 27 | 32.45 | 38.10 | 46.10 | 43.80 | 24.05 | 26.74 | 27.45 | 18.13 | 17.80 | 14.15 | 25.45 | 31.79 |
| 28 | 33.00 | 38.75 | 45.75 | 43.85 | 24.68 | 26.06 | 26.66 | 18.52 | 17.85 | 13.99 | 25.43 | 34.50 |
| 29 | 33.80 | ----- | 45.50 | 43.78 | 25.40 | 25.60 | 25.65 | 18.78 | 17.80 | 13.90 | 25.79 | 37.78 |
| 30 | 34.35 | ----- | 45.30 | 43.65 | 26.08 | 25.40 | 24.45 | 18.96 | 18.45 | 14.00 | 26.46 | 40.90 |
| 31 | 34.85 | ----- | 44.99 | ----- | 26.80 | ----- | 23.10 | 19.30 | ----- | 14.12 | ----- | 42.90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 34.57 | 34.96 | 46.85 | 42.69 | 32.08 | 30.48 | 27.13 | 17.02 | 18.69 | 15.74 | 19.17 | 28.50 |
| MAX | 39.74 | 38.75 | 50.70 | 44.60 | 43.43 | 34.20 | 30.65 | 22.15 | 20.70 | 19.00 | 27.25 | 42.90 |
| MIN | 31.80 | 32.80 | 39.30 | 41.30 | 23.85 | 25.40 | 23.10 | 16.70 | 17.70 | 13.90 | 13.60 | 24.50 |
| DAYS | 31 | 27 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

THE MEAN STAGE FOR THE YEAR WAS 29.11

HIGHEST STAGE WAS 50.70 AT 8:00 A.M. ON MAR 14 AND LATER DATE(S).

LOWEST STAGE WAS 13.50 ON NOV 6.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT TARBERT LANDING, MISS.

LOCATION. LAT. 31-00-30, LONG. 91-37-25. MILE 306.3, ABOUT 2-1/2 MILES UPSTREAM FROM LOWER OLD RIVER. (STA. 0110011.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,124,900 SQUARE MILES (CONTRIBUTING).

RECORDS AVAILABLE. STAGE, INTERMITTENTLY, 1932 TO DATE. DISCHARGE, 1911 TO 1913, 1928, 1929, AND 1932 TO DATE. COMPUTED DAILY, SINCE 1936.

EXTREMES. FOR STAGES, SEE RED RIVER LANDING. MAXIMUM, 1,977,000 CFS OBSERVED ON FEB. 19, 1937 (RED RIVER LANDING STAGE, 58.09 NGVD). MINIMUM, 85,000 CFS COMPUTED FOR NOV. 4, 1939 (RED RIVER LANDING STAGE, 4.69 NGVD). DISCHARGE NOT DETERMINED FOR RECORD HIGH AND LOW STAGES.

STAGE IN FEET

GAGE ZERO IS AT NGVD (1971 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | | | | | | 25.85 | 23.70 | | | 17.50 | | |
| 2 | | 33.55 | 38.55 | 42.65 | | | | | | | 13.50 | |
| 3 | | | | | | | | 19.55 | 17.05 | | | 25.90 |
| 4 | | | | | 40.00 | 27.40 | | | | | | |
| 5 | 37.05 | 32.10 | 42.30 | | | | | | | 17.20 | 13.15 | |
| 6 | | | | 40.90 | | | 23.05 | 18.65 | | | | |
| 7 | | | | | 37.55 | | | | | | | |
| 8 | 36.25 | | | | | 31.15 | | | 18.50 | 16.25 | | |
| 9 | | 31.90 | 46.90 | 40.80 | | | 23.55 | | | | 13.05 | 25.25 |
| 10 | | | | | | | | 18.35 | 19.35 | | | |
| 11 | | | | | 33.55 | 32.45 | | | | | | 26.05 |
| 12 | 32.65 | 32.95 | 48.35 | | | | | | | | 13.45 | |
| 13 | | | | 41.25 | | | 25.23 | 18.70 | | 14.70 | | |
| 14 | | | | | 30.75 | | | | 18.40 | | | 25.40 |
| 15 | 31.25 | | | | | 32.90 | | | | 14.30 | | |
| 16 | | | 48.90 | 40.25 | | | 28.30 | | | | 14.15 | |
| 17 | | 33.45 | | | | | | 17.70 | 17.25 | | | 24.10 |
| 18 | | | | | 28.65 | 31.35 | | | | | | |
| 19 | | 33.65 | 48.40 | | | | | | | 13.00 | 21.55 | |
| 20 | 31.20 | | | 40.30 | | | 28.70 | 16.65 | | | | |
| 21 | | | | | 25.70 | | | | 15.70 | | | 24.70 |
| 22 | 31.15 | | | | | 28.40 | 28.60 | | | 13.45 | | |
| 23 | | 35.85 | 46.50 | 41.10 | | | | | | | 26.00 | 26.55 |
| 24 | | | | | | | | 15.90 | 16.70 | | | |
| 25 | | | | | | 26.50 | | | | | 25.45 | |
| 26 | 30.95 | 35.60 | 45.35 | | 22.50 | | | 16.35 | | 13.35 | | |
| 27 | | | | 42.35 | | | 26.10 | | | | | |
| 28 | | | | | 23.05 | | | 17.25 | 16.70 | | | 32.25 |
| 29 | 32.40 | ----- | | | | 24.15 | | | | 13.30 | | |
| 30 | | ----- | 43.80 | 42.25 | | | 23.15 | | | | 25.45 | 39.30 |
| 31 | | ----- | | ----- | | ----- | | 17.90 | ----- | | ----- | |

DAILY DISCHARGE FOR 1987

MISS RIVER AT TARBERT LANDING, MISS. -- CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSANDS CUBIC FEET PER SECOND

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 613 | 492 | 600 | 753 | 715 | 335 | 300 | 255 | 208 | 200 | 151 | 350 |
| 2 | 594 | 490 | 615 | 738 | 702 | 342 | 300 | 243 | 201 | 204 | 152 | 347 |
| 3 | 579 | 482 | 643 | 723 | 681 | 349 | 301 | 233 | 194 | 206 | 151 | 349 |
| 4 | 571 | 471 | 681 | 705 | 656 | 360 | 300 | 225 | 189 | 201 | 150 | 345 |
| 5 | 574 | 462 | 723 | 693 | 635 | 370 | 293 | 223 | 186 | 197 | 147 | 342 |
| 6 | 572 | 455 | 760 | 686 | 611 | 388 | 290 | 219 | 192 | 194 | 146 | 341 |
| 7 | 574 | 453 | 794 | 681 | 587 | 406 | 293 | 217 | 203 | 186 | 146 | 339 |
| 8 | 553 | 454 | 833 | 685 | 570 | 423 | 295 | 216 | 217 | 182 | 146 | 336 |
| 9 | 532 | 457 | 866 | 684 | 543 | 439 | 298 | 217 | 225 | 177 | 146 | 336 |
| 10 | 516 | 463 | 903 | 684 | 510 | 448 | 298 | 214 | 230 | 173 | 150 | 344 |
| 11 | 495 | 471 | 939 | 690 | 479 | 448 | 301 | 213 | 231 | 168 | 151 | 349 |
| 12 | 472 | 478 | 953 | 694 | 458 | 446 | 310 | 217 | 227 | 164 | 151 | 361 |
| 13 | 458 | 480 | 965 | 693 | 432 | 446 | 325 | 220 | 224 | 159 | 150 | 360 |
| 14 | 450 | 482 | 972 | 684 | 416 | 442 | 340 | 218 | 215 | 154 | 153 | 354 |
| 15 | 445 | 478 | 974 | 677 | 411 | 437 | 355 | 217 | 206 | 153 | 157 | 345 |
| 16 | 441 | 494 | 968 | 663 | 404 | 431 | 370 | 213 | 199 | 151 | 162 | 339 |
| 17 | 434 | 488 | 960 | 650 | 393 | 422 | 379 | 205 | 197 | 150 | 215 | 331 |
| 18 | 442 | 488 | 970 | 651 | 380 | 408 | 384 | 200 | 197 | 150 | 258 | 325 |
| 19 | 460 | 492 | 954 | 654 | 363 | 396 | 383 | 194 | 197 | 149 | 278 | 326 |
| 20 | 444 | 499 | 940 | 662 | 349 | 391 | 380 | 188 | 195 | 157 | 312 | 335 |
| 21 | 439 | 501 | 925 | 666 | 332 | 388 | 378 | 182 | 189 | 154 | 333 | 341 |
| 22 | 443 | 517 | 908 | 676 | 316 | 375 | 376 | 178 | 186 | 151 | 348 | 355 |
| 23 | 439 | 544 | 894 | 688 | 302 | 368 | 375 | 176 | 188 | 151 | 351 | 367 |
| 24 | 436 | 542 | 891 | 699 | 294 | 357 | 370 | 177 | 189 | 154 | 350 | 380 |
| 25 | 434 | 544 | 876 | 708 | 286 | 345 | 363 | 180 | 186 | 154 | 340 | 394 |
| 26 | 439 | 545 | 857 | 720 | 280 | 338 | 353 | 183 | 190 | 150 | 331 | 410 |
| 27 | 443 | 566 | 837 | 723 | 280 | 326 | 337 | 192 | 190 | 153 | 326 | 430 |
| 28 | 452 | 589 | 825 | 729 | 290 | 316 | 325 | 197 | 189 | 150 | 327 | 478 |
| 29 | 467 | ----- | 815 | 727 | 302 | 307 | 310 | 201 | 191 | 150 | 331 | 584 |
| 30 | 479 | ----- | 808 | 720 | 311 | 303 | 291 | 203 | 195 | 150 | 340 | 658 |
| 31 | 486 | ----- | 798 | ----- | 324 | ----- | 273 | 208 | ----- | 151 | ----- | 770 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 490 | 496 | 853 | 694 | 439 | 385 | 331 | 207 | 201 | 166 | 228 | 388 |
| MAX | 613 | 589 | 974 | 753 | 715 | 448 | 384 | 255 | 231 | 206 | 351 | 770 |
| MIN | 434 | 453 | 600 | 650 | 280 | 303 | 273 | 176 | 186 | 149 | 146 | 325 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
TOTAL FOR YEAR WAS 148,190,000 CFS.
THE MEAN DISCHARGE FOR THE YEAR WAS 406,000 CFS.
MAXIMUM DAILY DISCHARGE WAS 974,000 CFS ON MAR 15.
MINIMUM DAILY DISCHARGE WAS 146,000 CFS ON NOV 6 THRU 9.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT RED RIVER LANDING, LA.

LOCATION. LAT. 30-57-39, LONG. 91-39-52. SPUR DIKE ON RIGHT BANK AT MILE 302.4. (STA. 0112012B.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,000 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 46 FEET. LOW WATER REFERENCE PLANE, 10.6 FEET ON GAGE. FOR DAILY FLOWS SINCE CLOSURE OF LOWER OLD RIVER (MILE 304) ON JUL. 12, 1963, SEE TARBERT LANDING, MISS. ON SEP. 16, 1975 GAGE WAS LOWERED 3.46 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 15 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS 3.49 FEET NGVD.

RECORDS AVAILABLE. STAGE, 1851 TO 1923, AND MAR. 1940, TO DATE. GAGE WAS LOCATED ACROSS THE RIVER AT ANGOLA, LA. (MILE 302.6), OCT. 1923, TO JUNE 1940. STAGES ARE AVAILABLE FOR GAGE AT PHILLIPSTON, LA., (MILE 302.5) FROM JAN. 1937 TO DEC. 1945. DISCHARGE, 1851 AND INTERMITTENTLY FROM 1881 TO 1963. COMPUTED DAILY, FROM 1928 TO 1963.

EXTREMES. HIGHEST, 60.94 FEET FROM MAY 14 TO 17, 1927. LOWEST, 2.89 FEET ON NOV. 14, 1895. EXTREMES HAVE BEEN ADJUSTED TO NGVD. MAXIMUM, ABOUT 1,799,000 CFS WOULD HAVE OCCURRED FOR THE MAY 1927 FLOOD IF FLOW HAD BEEN CONFINED BETWEEN LEVEES. A DISCHARGE OF 1,595,000 CFS WAS OBSERVED BY FLOAT METHOD ON MAR. 31, 1882 (STAGE 51.79 NGVD). THIS DISCHARGE WAS AFFECTED BY CREVASSES. A DISCHARGE OF 1,520,000 CFS WAS COMPUTED FOR APR. 11 AND 12, 1945 (AT STAGES OF 58.69 AND 58.89 NGVD, RESPECTIVELY. MINIMUM, 75,000 CFS COMPUTED FOR NOV. 4, 1939 (STAGE, 4.64 NGVD AT ANGOLA).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1966 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|---------|---------|-------|-------|---------|-------|-------|-------|---------|-------|
| 1 | 37.45 | 32.55 | 37.10 | 42.20 | 40.90 | 24.85 | 22.68 | 19.95 | 16.88 | 16.50 | 12.38 | 25.12 |
| 2 | 36.90 | 32.50 | 37.50 F | 41.60 | 40.45 | 25.35 | 22.68 | 19.10 | 16.47 | 16.69 | 12.43 | 24.99 |
| 3 | 36.20 | 32.10 | 38.50 | 41.23 | 39.75 | 25.70 | 22.70 | 18.53 | 15.98 | 16.77 | 12.40 | 25.03 |
| 4 | 35.90 | 31.55 | 39.70 | 40.65 | 38.80 | 26.30 | 22.60 | 18.08 | 15.60 | 16.51 | 12.27 | 24.83 |
| 5 | 36.00 | 31.15 | 41.15 | 40.22 | 38.22 | 27.10 | 22.18 | 17.82 | 15.48 | 16.15 | 12.10 | 24.58 |
| 6 | 35.92 | 30.75 | 42.45 | 40.05 | 37.37 | 28.18 | 22.00 | 17.56 | 15.90 | 15.89 | 11.95 | 24.53 |
| 7 | 35.92 | 30.63 | 43.52 | 39.85 | 36.35 | 29.30 | 22.20 | 17.48 | 16.68 | 15.55 | 12.02 | 24.40 |
| 8 | 35.18 | 30.70 | 44.69 | 39.93 | 35.90 | 30.30 | 22.40 | 17.40 | 17.50 | 15.10 | 12.00 | 24.24 |
| 9 | 34.35 | 30.89 F | 45.70 | 39.95 E | 34.90 | 31.10 | 22.48 | 17.49 | 18.00 | 14.80 | 12.01 | 24.28 |
| 10 | 33.60 | 31.15 | 46.25 | 40.00 E | 33.80 | 31.40 | 22.50 | 17.32 | 18.34 | 14.60 | 12.28 | 24.75 |
| 11 | 32.60 | 31.60 | 46.75 | 40.13 | 32.50 | 31.40 | 22.70 | 17.25 | 18.38 | 14.32 | 12.40 | 25.05 |
| 12 | 31.60 | 31.92 | 47.30 | 40.15 | 31.40 | 31.35 | 23.38 | 17.48 | 18.28 | 14.03 | 12.40 | 25.10 |
| 13 | 30.85 | 32.10 | 47.65 | 40.25 | 30.56 | 31.25 | 24.25 | 17.58 | 17.93 | 13.60 | 12.30 E | 25.00 |
| 14 | 30.50 | 32.05 | 47.85 | 39.90 | 29.25 | 31.18 | 25.15 | 17.56 | 17.32 | 13.25 | 12.57 | 24.60 |
| 15 | 30.20 | 31.90 | 47.85 | 39.60 | 29.45 | 30.80 | 26.20 | 17.50 | 16.80 | 13.28 | 12.83 | 24.00 |
| 16 | 29.95 | 32.70 | 47.70 | 39.20 | 29.00 | 30.50 | 27.08 | 17.21 | 16.30 | 13.10 | 13.18 | 23.60 |
| 17 | 29.60 | 32.40 | 47.40 | 38.80 | 28.35 | 30.00 | 27.70 | 16.70 | 16.18 | 13.10 | 16.58 | 23.00 |
| 18 | 30.10 | 32.40 | 47.65 | 38.80 | 27.54 | 29.30 | 27.88 | 16.40 | 16.23 | 13.00 | 19.38 | 22.70 |
| 19 | 31.03 | 32.65 | 47.30 | 39.00 | 26.50 | 28.60 | 27.80 | 16.00 | 16.23 | 13.00 | 20.50 | 22.73 |
| 20 | 30.17 | 32.90 | 46.80 | 39.20 | 25.70 | 28.30 | 27.68 | 15.58 | 16.00 | 12.78 | 22.61 | 23.33 |
| 21 | 29.90 | 33.05 | 46.30 | 39.30 | 24.55 | 28.02 | 27.47 | 15.21 | 15.70 | 12.50 | 24.05 E | 24.00 |
| 22 | 30.15 | 33.75 | 45.80 | 39.65 | 23.55 | 27.33 | 27.43 | 14.92 | 15.57 | 12.40 | 25.04 | 24.68 |
| 23 | 29.93 | 34.70 | 45.40 | 40.10 | 22.78 | 26.78 | 27.35 | 14.78 | 15.64 | 12.42 | 25.30 | 25.44 |
| 24 | 29.70 | 34.65 | 45.30 | 40.40 | 22.20 | 26.08 | 27.03 | 14.88 | 15.65 | 12.70 | 25.04 | 26.40 |
| 25 | 29.60 | 34.75 | 44.90 | 40.70 | 21.75 | 25.30 | 26.50 F | 15.01 | 15.60 | 12.61 | 24.45 | 27.25 |
| 26 | 29.97 | 34.85 | 44.30 | 41.05 | 21.43 | 24.90 | 25.92 | 15.33 | 15.78 | 12.37 | 23.92 | 28.27 |
| 27 | 30.15 | 35.80 | 43.70 | 41.25 | 21.55 | 24.23 | 24.91 | 15.87 | 15.70 | 12.48 | 23.60 | 29.45 |
| 28 | 30.67 | 36.60 E | 43.30 | 41.38 | 22.05 | 23.60 | 24.20 | 16.22 | 15.65 | 12.30 | 23.98 | 32.02 |
| 29 | 31.40 | ----- E | 43.00 | 41.20 | 22.75 | 23.10 | 23.28 | 16.45 | 15.85 | 12.30 | 24.60 | 35.68 |
| 30 | 32.00 | ----- | 42.80 | 41.12 | 23.40 | 22.85 | 22.17 | 16.64 | 16.15 | 12.30 | 25.12 | 38.40 |
| 31 | 32.30 | ----- | 42.50 | ----- | 24.15 | ----- | 20.91 | 16.90 | ----- | 12.42 | ----- | 40.38 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 32.25 | 32.67 | 44.46 | 40.23 | 29.58 | 27.81 | 24.56 | 16.85 | 16.46 | 13.83 | 17.39 | 26.38 |
| MAX | 37.45 | 36.60 | 47.85 | 42.20 | 40.90 | 31.40 | 27.88 | 19.95 | 18.38 | 16.77 | 25.30 | 40.38 |
| MIN | 29.60 | 30.63 | 37.10 | 38.80 | 21.43 | 22.85 | 20.91 | 14.78 | 15.48 | 12.30 | 11.95 | 22.70 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 26.84

HIGHEST STAGE WAS 47.90 AT 6.00 A. M. ON MAR 15

LOWEST STAGE WAS 11.95 ON NOV 6.

DAILY STAGE FOR 1987

7

MISSISSIPPI RIVER AT BAYOU SARA, LA.

LOCATION. LAT. 30-45-48. LONG. 91-23-12. LEFT BANK, NEAR CONCRETE CASTING PLANT AT MILE 265.4.
(STA. 0114009.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,400 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 5.25 FEET ON GAGE. ON SEP. 17, 1975 GAGE WAS LOWERED 3.76 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 16 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS 3.76 FEET, NGVD.

RECORDS AVAILABLE. STAGE, DEC 3, 1888, TO DATE. GAGE WAS LOCATED ON RIGHT BANK FROM AUG 13, 1930 TO AUG 31, 1971.

EXTREMES. HIGHEST, 55.46 FEET ON MAY 15, 1927. LOWEST, 0.96 FOOT ON NOV. 16, 1895. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 31.60 | 26.70 | 30.80 | 35.70 | 34.65 | 18.50 | 16.75 | 14.30 | 11.50 | 11.00 | 7.50 | 18.65 |
| 2 | 30.70 | 26.70 | 31.00 | 35.25 | 34.30 | 19.00 | 16.70 | 13.50 | 11.25 | 11.45 | 7.70 | 19.00 |
| 3 | 30.10 | 26.35 | 31.90 | 34.90 | 33.70 | 19.50 | 16.75 | 12.70 | 10.80 | 11.45 | 7.90 | 19.00 |
| 4 | 30.00 | 25.85 | 33.00 | 34.30 | 32.80 | 20.00 | 16.70 | 12.20 | 10.40 | 11.30 | 8.10 | 19.00 |
| 5 | 30.00 | 25.00 | 34.40 | 34.00 | 32.15 | 20.70 | 16.20 | 12.00 | 10.05 | 11.00 | 8.10 | 18.80 |
| 6 | 29.90 | 24.90 | 35.75 | 33.70 | 31.30 | 21.50 | 16.00 | 11.80 | 10.40 | 10.70 | 7.80 | 18.65 |
| 7 | 29.80 | 24.50 | 36.90 | 33.35 | 30.40 | 22.80 | 16.10 | 11.75 | 10.90 | 10.50 | 7.80 | 18.60 |
| 8 | 29.30 | 24.50 | 38.00 | 33.45 | 29.50 | 23.30 | 16.10 | 11.70 | 11.10 | 10.00 | 7.80 | 18.60 |
| 9 | 28.50 | 24.50 | 38.90 | 33.50 | 28.70 | 24.10 | 16.15 | 11.70 | 12.50 | 9.80 | 7.80 | 18.30 |
| 10 | 27.80 | 24.80 | 39.50 | 33.50 | 27.70 | 24.65 | 16.50 | 11.70 | 12.70 | 9.60 | 7.90 | 18.80 |
| 11 | 27.00 | 25.15 | 40.00 | 33.50 | 26.40 | 24.90 | 16.70 | 11.60 | 12.80 | 9.50 | 7.70 | 19.15 |
| 12 | 26.20 | 25.50 | 40.50 | 33.70 | 25.30 | 24.90 | 17.00 | 12.00 | 12.70 | 9.10 | 7.60 | 19.30 |
| 13 | 25.40 | 25.75 | 40.90 | 33.75 | 24.30 | 24.90 | 17.75 | 12.00 | 12.40 | 8.60 | 7.50 | 19.00 |
| 14 | 24.75 | 25.80 | 41.10 | 33.75 | 23.30 | 24.90 | 18.80 | 11.80 | 12.00 | 8.30 | 7.60 | 18.90 |
| 15 | 24.50 | 25.80 | 41.10 | 33.10 | 22.80 | 24.50 | 19.70 | 11.50 | 11.65 | 8.30 | 8.10 | 18.40 |
| 16 | 24.30 | 26.40 | 41.00 | 32.60 | 22.40 | 24.10 | 20.60 | 11.20 | 11.00 | 8.20 | 8.70 | 17.90 |
| 17 | 24.00 | 26.30 | 40.80 | 32.35 | 22.00 | 23.60 | 21.00 | 11.00 | 10.90 | 8.10 | 11.00 | 17.20 |
| 18 | 24.50 | 26.10 | 41.05 | 32.35 | 21.50 | 23.00 | 21.20 | 10.65 | 10.90 | 8.10 | 13.30 | 16.65 |
| 19 | 25.00 | 26.30 | 40.80 | 32.50 | 20.70 | 22.30 | 21.20 | 10.25 | 11.00 | 8.10 | 14.60 | 16.10 |
| 20 | 24.60 | 26.55 | 40.30 | 32.60 | 19.90 | 21.80 | 21.10 | 10.00 | 11.00 | 8.10 | 15.90 | 16.75 |
| 21 | 24.00 | 26.80 | 39.70 | 32.70 | 18.90 | 21.60 | 21.00 | 9.65 | 10.65 | 8.00 | 17.50 | 17.50 |
| 22 | 24.50 | 27.50 | 39.10 | 33.10 | 17.80 | 21.15 | 20.90 | 9.45 | 10.50 | 7.80 | 18.70 | 18.60 |
| 23 | 24.00 | 28.50 | 38.80 | 33.50 | 17.00 | 21.00 | 20.85 | 9.40 | 10.50 | 7.80 | 19.00 | 19.40 |
| 24 | 23.80 | 28.50 | 38.80 | 33.85 | 16.30 | 20.40 | 20.85 | 9.40 | 10.50 | 7.80 | 19.00 | 19.80 |
| 25 | 23.80 | 28.75 | 38.30 | 34.20 | 15.90 | 19.60 | 20.40 | 9.50 | 10.50 | 7.80 | 18.30 | 20.80 |
| 26 | 24.00 | 28.80 | 37.85 | 34.10 | 15.50 | 18.80 | 20.00 | 10.00 | 10.70 | 7.90 | 17.80 | 22.10 |
| 27 | 24.15 | 29.50 | 37.20 | 34.80 | 15.45 | 18.30 | 19.20 | 10.40 | 10.70 | 7.90 | 17.80 | 23.00 |
| 28 | 24.50 | 30.30 | 36.70 | 35.00 | 15.90 | 17.65 | 18.40 | 10.90 | 10.70 | 7.70 | 17.80 | 25.00 |
| 29 | 25.10 | ----- | 36.50 | 35.00 | 16.40 | 17.20 | 17.50 | 11.00 | 10.80 | 7.60 | 17.60 | 28.50 |
| 30 | 26.00 | ----- | 36.30 | 34.90 | 17.05 | 16.90 | 16.50 | 11.35 | 10.80 | 7.50 | 18.00 | 31.30 |
| 31 | 26.40 | ----- | 36.00 | ----- | 17.75 | ----- | 15.40 | 11.50 | ----- | 7.50 | ----- | 33.50 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 26.39 | 26.50 | 37.84 | 33.77 | 23.48 | 21.52 | 18.39 | 11.22 | 11.14 | 8.92 | 12.06 | 20.20 |
| MAX | 31.60 | 30.30 | 41.10 | 35.70 | 34.65 | 24.90 | 21.20 | 14.30 | 12.80 | 11.45 | 19.00 | 33.50 |
| MIN | 23.80 | 24.50 | 30.80 | 32.35 | 15.45 | 16.90 | 15.40 | 9.40 | 10.05 | 7.50 | 7.50 | 16.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 20.92.

HIGHEST STAGE WAS 41.10 AT 4:00 P.M. ON MAR 13 AND LATER DATE(S).

LOWEST STAGE WAS 7.50 ON OCT 29 AND LATER DATE(S).

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT BATON ROUGE, LA.

LOCATION. LAT. 30-25-45, LONG. 91-12-25. SOUTH WALL OF PORT ALLEN LOCK AT MILE 228.4. (STA. 0116009.)

GAGE, AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA. (REVISED) 1,125,810 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 29 FEET. LOW WATER REFERENCE PLANE, 2.57 FEET ON GAGE. NATURAL FLOW IS AFFECTED BY TIDES. ON SEP. 19, 1975 GAGE WAS RAISED 1.16 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 18 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 0.52 FOOT, NGVD.

RECORDS AVAILABLE. STAGE, 1872 TO DATE. THE LOCATION OF GAGE HAS BEEN CHANGED SLIGHTLY SEVERAL TIMES DURING PERIOD OF RECORD. DISCHARGE, 1929, 1938 TO 1957, AND 1973 TO 1975. COMPUTED DAILY, FROM 1931 TO 1945, AND 1947 TO 1956.

EXTREMES. HIGHEST, 47.28 FEET ON MAY 15, 1927. LOWEST, MINUS 0.07 FOOT ON NOV. 14, 1894. MAXIMUM, 1,473,000 CFS OBSERVED ON APR. 16, 1945 (STAGE, 44.58 NGVD). MINIMUM 73,700 CFS OBSERVED ON OCT. 19, 1939 (STAGE, 2.58 NGVD). EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|
| 1 | 24.20 | 18.66 | 22.86 | 27.25 | 26.25 | 11.20 | 10.00 | 8.07 | 6.27 | 5.94 | 3.63 | 11.50 |
| 2 | 23.46 | 18.80 | 23.06 | 26.90 | 26.00 | 11.70 | 9.93 | 7.34 | 6.16 | 6.00 | 3.58 | 11.75 |
| 3 | 22.75 | 18.61 | 23.66 | 26.55 | 25.50 | 12.10 | 9.90 | 6.78 | 5.70 | 5.80 | 3.89 | 11.93 |
| 4 | 22.56 | 18.16 | 24.76 | 26.10 | 24.94 | 12.51 | 9.87 | 6.39 | 5.33 | 5.76 | 4.26 | 11.89 |
| 5 | 22.41 | 17.81 | 25.96 | 25.75 | 24.30 | 13.21 | 9.65 | 6.26 | 5.27 | 5.62 | 4.28 | 11.67 |
| 6 | 22.31 | 17.66 | 27.11 | 25.55 | 23.43 | 13.81 | 9.47 | 6.06 | 5.37 | 5.45 | 4.14 | 11.63 |
| 7 | 22.18 | 17.35 | 28.24 | 25.36 | 22.68 | 14.91 | 9.43 | 5.82 | 5.70 | 5.36 | 4.20 | 11.72 |
| 8 | 21.88 | 17.14 | 29.35 | 25.36 | 21.91 | 15.51 | 9.63 | 5.70 | 6.25 | 5.16 | 4.25 | 11.70 |
| 9 | 21.14 | 17.16 | 30.11 | 25.35 | 21.08 | 16.75 | 9.70 | 5.82 | 6.65 | 5.10 | 4.45 | 11.50 |
| 10 | 20.49 | 17.27 | 30.71 | 25.36 | 20.30 | 17.15 | 9.70 | 5.96 | 6.93 | 4.97 | 4.32 | 11.74 |
| 11 | 19.65 | 17.51 | 31.06 | 25.40 | 19.10 | 17.35 | 9.85 | 5.95 | 7.05 | 4.95 | 3.63 | 11.88 |
| 12 | 18.91 | 17.91 | 31.56 | 25.45 | 18.30 | 17.35 | 10.25 | 6.53 | 7.04 | 4.56 | 3.64 | 12.10 |
| 13 | 17.73 | 18.11 | 31.91 | 25.55 | 17.10 | 17.32 | 10.85 | 6.44 | 6.93 | 4.27 | 3.44 | 12.10 |
| 14 | 17.20 | 18.19 | 32.11 | 25.50 | 16.14 | 17.45 | 11.50 | 6.09 | 6.50 | 4.11 | 3.68 | 12.00 |
| 15 | 17.01 | 18.16 | 32.26 | 25.20 | 15.53 | 17.15 | 12.30 | 5.98 | 6.08 | 4.07 | 4.00 | 11.65 |
| 16 | 16.78 | 18.85 | 32.16 | 24.80 | 15.30 | 16.90 | 13.08 | 5.89 | 5.82 | 3.85 | 4.56 | 11.02 |
| 17 | 16.55 | 18.81 | 31.91 | 24.50 | 14.80 | 16.45 | 13.75 | 5.59 | 5.70 | 3.74 | 5.85 | 10.50 |
| 18 | 17.26 | 18.56 | 32.06 | 24.43 | 14.25 | 15.90 | 14.04 | 5.31 | 5.67 | 3.69 | 7.38 | 10.10 |
| 19 | 17.44 | 18.56 | 31.76 | 24.53 | 13.50 | 15.20 | 14.10 | 4.98 | 5.72 | 3.74 | 8.43 | 10.13 |
| 20 | 17.03 | 18.81 | 31.36 | 24.70 | 12.77 | 14.70 | 14.10 | 4.84 | 5.56 | 3.79 | 9.34 | 10.63 |
| 21 | 16.49 | 19.16 | 30.73 | 24.85 | 11.90 | 14.50 | 14.05 | 4.58 | 5.47 | 3.80 | 10.30 | 11.05 |
| 22 | 16.77 | 19.76 | 30.23 | 25.09 | 11.10 | 14.22 | 13.87 | 4.43 | 5.35 | 3.95 | 11.30 | 11.71 |
| 23 | 16.44 | 20.56 | 29.81 | 25.44 | 10.28 | 13.62 | 13.78 | 4.38 | 5.35 | 4.02 | 11.78 | 12.24 |
| 24 | 16.09 | 20.81 | 29.96 | 25.73 | 9.77 | 12.98 | 13.67 | 4.53 | 5.55 | 4.36 | 11.83 | 12.86 |
| 25 | 16.11 | 21.04 | 29.56 | 26.00 | 9.29 | 12.35 | 13.27 | 4.75 | 5.55 | 4.43 | 12.01 | 13.50 |
| 26 | 16.21 | 21.16 | 29.09 | 26.30 | 9.20 | 11.83 | 12.77 | 5.03 | 5.64 | 4.30 | 11.11 | 14.34 |
| 27 | 16.36 | 21.66 | 28.61 | 26.50 | 8.94 | 11.28 | 12.20 | 5.34 | 5.78 | 4.34 | 10.71 | 15.24 |
| 28 | 16.70 | 22.66 | 28.35 | 26.63 | 9.20 | 10.78 | 11.47 | 5.63 | 5.70 | 4.00 | 10.51 | 17.00 |
| 29 | 17.34 | ----- | 28.15 | 26.55 | 9.65 | 10.43 | 10.72 | 5.75 | 5.73 | 3.87 | 10.51 | 20.14 |
| 30 | 18.01 | ----- | 27.95 | 26.43 | 10.20 | 10.20 | 9.88 | 6.14 | 5.73 | 3.61 | 10.91 | 22.83 |
| 31 | 18.33 | ----- | 27.58 | ----- | 10.70 | ----- | 9.00 | 6.25 | ----- | 3.56 | ----- | 24.89 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 18.83 | 18.89 | 29.16 | 25.64 | 16.17 | 14.23 | 11.48 | 5.76 | 5.92 | 4.52 | 6.86 | 13.06 |
| MAX | 24.20 | 22.66 | 32.26 | 27.25 | 26.25 | 17.45 | 14.10 | 8.07 | 7.05 | 6.00 | 12.01 | 24.89 |
| MIN | 16.09 | 17.14 | 22.86 | 24.43 | 8.94 | 10.20 | 9.00 | 4.38 | 5.27 | 3.56 | 3.44 | 10.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 14.18

HIGHEST STAGE WAS 32.26 AT 8 00 A.M. ON MAR. 15.

LOWEST STAGE WAS 3.15 ON NOV. 13.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT DONALDSONVILLE, LA

LOCATION: LAT. 30-06-30, LONG 90-59-15 BAYOU LAFOURCHE FRESH WATER PUMPING PLANT AT MILE 175.4
(STA. 0122009.)

GAGE: AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION DRAINAGE AREA, (REVISED) 1,125,860 SQUARE MILES (CONTRIBUTING). BANKFULL
STAGE, 23 FEET. LOW WATER REFERENCE PLANE, 1.33 FEET ON GAGE. ON SEP. 18, 1975 GAGE WAS RAISED
0.68 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN 1 THRU
SEP. 17 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 1.19 FEET, NGVD.

RECORDS AVAILABLE: STAGE, JUNE 9, 1890, TO DATE. PRIOR TO JAN. 24, 1961, GAGE WAS ABOUT 0.2 MILE
DOWNSTREAM

EXTREMES: HIGHEST, 36.01 FEET ON MAY 15, 1927. LOWEST, MINUS 0.39 FOOT ON JAN. 12, 1918.
EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|------|--------|--------|--------|-------|--------|------|-----|-------|-----|-------|------|
| 1 E | 18.8 | 13.8 | 17.9 | 20.6 | 19.9 | 7.8 | 7.3 | 6.0 | 5.4 | 5.1 | 3.4 | 8.0 |
| 2 E | 18.1 | 13.9 | 18.2 | 20.5 | 19.7 | 8.3 | 7.0 | 5.9 | 5.2 | 5.1 | 3.2 | 8.2 |
| 3 E | 17.2 | 13.7 | 17.6 | 20.2 | 19.3 | 8.6 | 7.0 | 5.5 | 5.0 | 4.7 | 3.5 | 8.3 |
| 4 | 17.0 | 13.3 | 18.4 | 19.8 | 18.8 | 8.8 | 7.0 | 5.1 | 4.6 | 4.6 | 3.5 | 8.3 |
| 5 | 16.6 | 13.1 | 19.4 | 19.6 | 18.2 | 9.2 | 7.0 | 5.1 | 4.6 | 4.5 | 4.2 | 8.1 |
| 6 | 16.5 | 13.1 | 20.4 | 19.3 | 17.7 | 9.6 | 6.8 | 4.9 | 4.5 | 4.4 | 4.1 | 8.1 |
| 7 | 16.4 | 12.8 | 21.6 | 19.1 | 16.9 | 10.4 | 6.7 | 4.6 | 4.6 | 4.3 | 4.1 | 8.5 |
| 8 | 16.1 | 12.5 | 22.6 | 19.1 | 16.2 | 11.1 | 6.8 | 4.5 | 4.9 | 4.3 | 4.3 | 8.6 |
| 9 | 15.6 | 12.5 | 23.2 | 19.1 | 15.8 | 11.7 | 7.1 | 4.4 | 5.2 | 4.6 | 4.6 | 8.2 |
| 10 | 15.2 | 12.4 | 23.7 | 19.1 | 15.1 | 12.0 | 7.1 | 4.6 | 5.4 | 4.5 | 4.4 | 8.3 |
| 11 | 14.4 | 12.9 | 24.0 | 19.1 | 14.2 | 12.1 | 6.9 | 4.5 | 5.6 | 4.5 | 3.5 | 8.3 |
| 12 | 13.8 | 13.1 | 24.4 | 19.2 E | 13.4 | 12.3 | 7.4 | 4.7 | 5.6 | 4.3 | 3.6 | 8.5 |
| 13 | 13.1 | 13.2 | 24.7 | 19.5 | 11.2 | 12.3 | 7.7 | 5.1 | 5.7 | 4.2 | 3.3 | 8.5 |
| 14 | 12.6 | 13.5 | 24.8 | 19.5 | 11.5 | 12.2 | 7.8 | 4.9 | | 4.1 | 3.6 | 8.6 |
| 15 | 12.6 | 13.4 | 24.9 E | 19.1 | 10.8 | 12.1 | 8.4 | 4.8 | 5.0 | 4.0 | 3.7 | 8.3 |
| 16 | 12.4 | 14.0 | 24.9 | 18.8 | 10.4 | 12.2 | 9.1 | 4.8 | 4.9 | 3.7 | 4.2 | 7.6 |
| 17 | 12.2 | 13.9 | 24.8 | 18.3 | 10.2 | 11.9 | 9.6 | 4.6 | 4.8 | 3.7 | 4.6 | 7.4 |
| 18 E | 12.9 | 13.7 | 25.1 | 18.3 | 9.8 | 12.1 E | 10.0 | 4.3 | 4.7 | 3.6 | 5.4 | 7.3 |
| 19 E | 13.0 | 13.6 | 24.8 | 18.4 | 9.4 | 10.9 E | 10.1 | 4.1 | 4.7 | 3.5 | 6.1 | 7.2 |
| 20 | 12.6 | 13.8 | 24.4 | 18.4 | 9.2 | 10.8 E | 10.1 | 4.0 | 4.6 | 3.4 | 6.8 | 7.7 |
| 21 | 12.2 | 14.1 | 23.9 | 18.5 | 8.7 | 10.5 E | 10.0 | 3.7 | 4.5 | 3.4 | 7.3 | 7.9 |
| 22 | 12.3 | 14.6 | 23.5 | 18.7 | 8.3 | 10.2 | 9.9 | 3.7 | 4.5 | 3.3 | 7.9 | 8.5 |
| 23 | 12.0 | 15.2 | 23.3 | 19.1 | 7.8 | 10.0 E | 9.8 | 3.7 | 4.4 | 3.3 | 8.3 | 8.8 |
| 24 | 11.7 | 15.5 | 23.3 | 19.3 | 7.1 | 9.1 | 9.7 | 3.8 | 4.6 | 4.1 | 8.4 | 9.2 |
| 25 | 11.8 | 15.4 | 23.0 | 19.6 | 6.6 | 8.5 E | 9.5 | 4.0 | 4.8 | 4.1 | 8.3 | 9.5 |
| 26 | 11.8 | 15.6 E | 22.6 | 19.9 | 6.5 | 8.4 E | 9.2 | 4.2 | 4.8 | 4.2 | 8.0 | 10.2 |
| 27 | 11.9 | 16.2 | 22.2 | 20.0 | 6.4 | 8.0 E | 8.9 | 4.3 | 5.1 | 4.2 | 7.7 | 10.6 |
| 28 | 12.0 | 17.0 | 21.8 | 20.1 | 6.6 E | 7.7 | 8.4 | 4.6 | 5.0 | 4.0 | 7.7 | 11.7 |
| 29 | 12.6 | ----- | 21.5 | 20.1 | 6.8 | 7.3 | 7.6 | 4.7 | 5.0 | 3.9 | 7.4 | 13.8 |
| 30 | 13.2 | ----- | 21.4 | 20.0 | 7.1 | 7.1 | 7.2 | 5.1 | 5.1 | 3.6 | 7.5 | 16.6 |
| 31 | 13.3 | ----- | 21.0 | ----- | 7.4 | ----- | 6.6 | 5.2 | ----- | 3.5 | ----- | 18.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-----|-----|-----|-----|------|
| MEAN | 13.9 | 13.9 | 22.5 | 19.3 | 11.8 | 10.1 | 8.2 | 4.6 | 4.9 | 4.1 | 5.4 | 9.3 |
| MAX | 18.8 | 17.0 | 25.1 | 20.6 | 19.9 | 12.3 | 10.1 | 6.0 | 5.7 | 5.1 | 8.4 | 18.5 |
| MIN | 11.7 | 12.4 | 17.6 | 18.3 | 6.4 | 7.1 | 6.6 | 3.7 | 4.4 | 3.3 | 3.2 | 7.2 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364
E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 10.7.

HIGHEST STAGE WAS 25.1 AT 8:00 A.M. ON MAR 18

LOWEST STAGE WAS 3.20 ON NOV 2.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT COLLEGE POINT (LA.)

LOCATION. LAT. 29-59-44, LONG. 90-49-33. COLLEGE POINT LANDING AT MILE 157.4. (STA. 0124010.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA. (REVISED) 1,125,870 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE. 17 FEET. LOW WATER REFERENCE PLANE. 1.04 FEET ON GAGE. ON SEP. 22, 1975 GAGE WAS RAISED 0.14 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 21 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS 0.42 FOOT, NGVD.

RECORDS AVAILABLE. STAGE, DEC. 18, 1879, TO SEP. 30, 1885, AND DEC. 1, 1888, TO DATE.

EXTREMES. HIGHEST, 32.32 FEET ON MAY 15, 1927. LOWEST, MINUS 0.60 FOOT ON JAN. 12, 1918.
EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1967 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 13.70 | 11.05 | 14.15 | 17.65 | 16.90 | 6.00 | 5.50 | 4.80 | 3.85 | 3.80 | 2.25 | 5.85 |
| 2 | 15.00 | 11.10 | 14.25 | 17.40 | 16.70 | 6.40 | 5.40 | 4.40 | 3.90 | 3.70 | 2.15 | 6.00 |
| 3 | 14.50 | 10.95 | 14.60 | 17.20 | 16.30 | 6.65 | 5.40 | 4.00 | 3.50 | 3.50 | 2.30 | 6.10 |
| 4 | 14.20 | 10.70 | 15.35 | 17.00 | 15.90 | 6.95 | 5.50 | 3.90 | 3.20 | 3.30 | 2.70 | 6.25 |
| 5 | 14.00 | 10.55 | 16.30 | 16.75 | 15.30 | 7.25 | 5.55 | 3.80 | 3.10 | 3.00 | 2.70 | 6.40 |
| 6 | 13.80 | 10.60 | 17.30 | 16.35 | 14.65 | 7.65 | 5.50 | 3.65 | 3.10 | 2.90 | 2.75 | 6.50 |
| 7 | 13.60 | 10.50 | 18.40 | 16.20 | 13.95 | 8.25 | 5.70 | 3.30 | 3.20 | 2.90 | 2.90 | 6.60 |
| 8 | 13.40 | 10.25 | 19.20 | 16.20 | 13.35 | 9.00 | 5.80 | 3.20 | 3.30 | 2.80 | 3.10 | 6.70 |
| 9 | 13.00 | 9.95 | 19.90 | 16.20 | 12.80 | 9.40 | 5.85 | 3.15 | 3.50 | 3.00 | 3.40 | 6.50 |
| 10 | 12.50 | 9.95 | 20.30 | 16.15 | 12.05 | 9.60 | 5.90 | 3.10 | 3.70 | 3.10 | 3.00 | 6.50 |
| 11 | 12.00 | 10.20 | 20.65 | 16.20 | 11.60 | 9.70 | 5.90 | 3.15 | 3.90 | 3.20 | 2.50 | 6.45 |
| 12 | 11.30 | 10.40 | 21.00 | 16.40 | 10.90 | 9.70 | 5.95 | 3.20 | 4.10 | 3.00 | 2.50 | 6.55 |
| 13 | 10.60 | 10.60 | 21.25 | 16.50 | 10.20 | 9.70 | 5.90 | 3.30 | 4.00 | 2.85 | 2.20 | 6.60 |
| 14 | 10.20 | 10.80 | 21.35 | 16.50 | 9.50 | 9.70 | 6.30 | 3.40 | 3.80 | 2.70 | 2.50 | 6.70 |
| 15 | 10.10 | 11.00 | 21.40 | 16.15 | 8.80 | 9.65 | 6.80 | 3.40 | 3.65 | 2.80 | 2.70 | 6.45 |
| 16 | 10.00 | 11.30 | 21.45 | 15.80 | 8.35 | 9.50 | 7.10 | 3.30 | 3.50 | 2.50 | 3.00 | 5.80 |
| 17 | 10.00 | 11.20 | 21.35 | 15.75 | 8.10 | 9.20 | 7.40 | 3.30 | 3.45 | 2.40 | 3.25 | 5.40 |
| 18 | 10.20 | 10.90 | 21.60 | 15.70 | 8.05 | 8.95 | 7.80 | 3.10 | 3.40 | 2.30 | 3.90 | 5.15 |
| 19 | 10.50 | 10.85 | 21.25 | 15.60 | 7.65 | 8.50 | 8.00 | 2.90 | 3.30 | 2.20 | 4.60 | 5.10 |
| 20 | 10.10 | 10.95 | 20.90 | 15.50 | 7.30 | 8.20 | 8.15 | 2.70 | 3.30 | 2.20 | 5.05 | 5.30 |
| 21 | 10.10 | 11.10 | 20.45 | 15.60 | 6.80 | 8.00 | 8.05 | 2.40 | 3.20 | 2.25 | 5.50 | 6.00 |
| 22 | 9.95 | 11.60 | 20.10 | 15.75 | 6.30 | 7.90 | 7.90 | 2.35 | 3.15 | 2.50 | 5.95 | 6.40 |
| 23 | 9.55 | 12.05 | 19.80 | 16.20 | 5.90 | 7.70 | 7.75 | 2.35 | 3.10 | 2.55 | 6.50 | 6.75 |
| 24 | 9.30 | 12.35 | 20.00 | 16.45 | 5.60 | 7.40 | 7.60 | 2.30 | 3.20 | 2.65 | 6.60 | 7.10 |
| 25 | 9.20 | 12.70 | 19.65 | 16.70 | 5.30 | 6.90 | 7.30 | 2.50 | 3.30 | 2.70 | 6.50 | 7.45 |
| 26 | 9.15 | 12.95 | 19.30 | 16.90 | 5.10 | 6.50 | 7.15 | 2.70 | 3.40 | 2.90 | 6.20 | 7.80 |
| 27 | 9.30 | 13.25 | 19.00 | 17.05 | 4.90 | 6.20 | 7.00 | 2.85 | 3.50 | 3.10 | 6.00 | 8.40 |
| 28 | 9.50 | 13.75 | 18.70 | 17.15 | 5.10 | 6.00 | 6.30 | 3.00 | 3.70 | 3.05 | 5.80 | 9.20 |
| 29 | 9.85 | ----- | 18.40 | 17.10 | 5.20 | 5.70 | 6.00 | 3.20 | 3.60 | 2.90 | 5.60 | 11.00 |
| 30 | 10.50 | ----- | 18.35 | 17.00 | 5.40 | 5.60 | 5.65 | 3.50 | 3.70 | 2.60 | 5.70 | 13.40 |
| 31 | 10.80 | ----- | 17.95 | ----- | 5.70 | ----- | 5.20 | 3.80 | ----- | 2.40 | ----- | 15.50 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 11.35 | 11.20 | 19.15 | 16.44 | 9.67 | 7.93 | 6.49 | 3.23 | 3.49 | 2.83 | 3.99 | 7.16 |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MAX | 15.70 | 13.75 | 21.60 | 17.65 | 16.90 | 9.70 | 8.15 | 4.80 | 4.10 | 3.80 | 6.60 | 15.50 |
| MIN | 9.15 | 9.95 | 14.15 | 15.50 | 4.90 | 5.60 | 5.20 | 2.30 | 3.10 | 2.20 | 2.15 | 5.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 8.56.

HIGHEST STAGE WAS 21.60 AT 8:00 A.M. ON MAR 18.

LOWEST STAGE WAS 1.80 ON NOV 11.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT RESERVE, LA.

LOCATION. LAT. 30-03-20. LONG. 90-34-07. WHARF AT MILE 138.7. (STA. 0126006.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY NATIONAL WEATHER SERVICE. DRAINAGE AREA, (REVISED) 1,125,880 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 15 FEET. LOW WATER REFERENCE PLANE, 0.7 FOOT ON GAGE. ON SEP. 4, 1975 GAGE WAS RAISED 0.57 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU SEP. 3 WERE CORRECTED TO NEW BENCHMARK ELEVATION.

RECORDS AVAILABLE. STAGE, 1936 TO DATE. MAR. 1929 TO DATE IN REPORTS OF NATIONAL WEATHER SERVICE.

EXTREMES. HIGHEST, 26.0 FEET ON JUNE 11, 1929. LOWEST, MINUS 0.1 FOOT ON FEB. 3, 1940.

DAILY SEVEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|--------|------|-------|------|-------|-------|
| 1 | 13.50 | 9.10 | 11.90 | 15.00 | 14.20 | 4.50 | 4.20 | 3.50 | 3.30 | 3.20 | 1.90 | 4.60 |
| 2 | 12.80 | 9.20 | 11.90 | 14.71 | 14.10 | 4.90 | 4.20 | 3.30 | 3.30 | 2.90 | 1.90 | 4.70 |
| 3 | 12.20 | 9.10 | 12.23 | 14.52 | 13.80 | 5.10 | 4.20 | 3.10 | 3.00 | 2.40 | 1.90 | 4.90 |
| 4 | 12.10 | 8.80 | 12.78 | 14.20 | 13.40 | 5.40 | 4.20 | 3.20 | 2.70 | 2.50 | 2.30 | 5.00 |
| 5 | 11.70 | 8.70 | 13.58 | 13.88 | 12.90 | 5.70 | 4.10 | 3.00 | 2.90 | 2.20 | 2.50 | 5.00 |
| 6 | 11.60 | 8.80 | 14.46 | 13.80 | 12.30 | 5.90 | 4.10 | 2.90 | 2.50 | 2.10 | 2.40 | 5.00 |
| 7 | 11.40 | 8.40 | 15.59 | 13.60 | 11.70 | 6.70 | 4.20 | 2.80 | 2.40 | 2.10 | 2.50 | 5.40 |
| 8 | 11.20 | 8.20 | 16.41 | 13.70 | 11.20 | 7.20 | 4.20 | 2.80 | 2.70 | 2.20 | 2.70 | 5.50 |
| 9 | 10.90 | 8.10 | 16.88 | 13.60 | 10.60 | 7.60 | 4.00 | 2.80 | 2.70 | 2.40 | 3.00 | 5.30 |
| 10 | 10.40 | 8.10 | 17.32 | 13.66 | 10.10 | 7.80 | 4.00 | 2.80 | 2.90 | 2.40 | 2.70 | 5.30 |
| 11 | 9.80 | 8.30 | 17.64 | 13.71 | 9.50 | 7.90 | 4.10 | 2.80 | 3.30 | 2.60 | 1.90 | 5.20 |
| 12 | 9.20 | 8.50 | 17.98 | 13.84 | 8.80 | 7.90 | 4.10 E | 2.40 | 3.20 | 2.50 | 2.00 | 5.30 |
| 13 | 8.60 | 8.70 | 18.15 | 13.90 | 8.20 | 7.80 | 4.40 | 2.70 | 3.30 | 2.40 | 1.80 | 5.20 |
| 14 | 8.30 | 8.80 | 18.24 | 13.94 | 7.50 | 7.90 | 4.70 | 2.80 | | 2.20 | 1.90 | 5.40 |
| 15 | 8.30 | 8.90 | 18.33 | 13.58 | 6.90 | 7.90 | 5.10 | 2.60 | 2.90 | 2.20 | 2.10 | 5.20 |
| 16 | 8.20 | 9.40 | 18.29 | 13.28 | 6.70 | 7.70 | 5.60 | 2.60 | 2.90 | 2.00 | 2.50 | 4.60 |
| 17 | 8.10 | 9.27 | 18.20 | 12.96 | 6.60 | 7.50 | 6.00 | 2.50 | 2.90 | 1.80 | 2.60 | 4.10 |
| 18 | 8.60 | 8.98 | 18.40 | 12.82 | 6.40 | 7.30 | 6.20 | 2.50 | 2.70 | 1.80 | 3.10 | 4.10 |
| 19 | 8.70 | 8.88 | 18.10 | 12.86 | 6.10 | 6.80 | 6.40 | 2.50 | 2.70 | 1.90 | 3.60 | 4.00 |
| 20 | 8.30 | 9.01 | 17.90 | 12.93 | 5.80 | 6.60 | 6.50 | 2.10 | 2.40 | 1.90 | | 4.50 |
| 21 | 8.00 | 9.30 | 17.50 | 13.10 | 5.40 | 6.50 | 6.60 | 1.80 | 2.40 | 1.90 | 4.30 | 4.80 |
| 22 | 8.14 | 9.63 | 17.00 | 13.20 | 5.00 | 6.40 | 6.30 | 1.80 | 2.30 | 2.10 | 4.90 | 5.40 |
| 23 | 7.62 | 9.93 | 16.90 | 13.60 | 4.50 | 6.10 | 6.20 | 1.70 | 2.40 | 2.00 | 5.30 | 5.50 |
| 24 | 7.24 | 10.30 | 17.10 | 13.80 | 4.30 | 5.80 | 6.10 | 1.80 | 2.60 | 2.30 | 5.40 | 5.80 |
| 25 | 7.35 | 10.60 | 16.78 | 14.00 | 4.10 | 5.30 | 5.90 | 1.90 | 2.70 | 2.30 | 5.40 | 6.10 |
| 26 | 7.30 | 10.90 | 16.52 | 14.20 | 3.90 | 5.10 | 5.60 | 2.00 | 2.70 | 2.40 | 5.20 | 6.40 |
| 27 | 7.44 | 11.20 | 16.28 | 14.40 | 3.70 | 4.70 | 5.40 | 2.10 | 3.00 | 2.50 | 4.90 | 6.80 |
| 28 | 7.71 | 11.70 | 16.02 | 14.40 | 3.70 | 4.50 | 5.10 | 2.40 | 3.00 | 2.60 | 4.80 | 7.30 |
| 29 | 8.12 | ----- | 15.77 | 14.40 | 3.90 | 4.40 | 4.70 | 2.60 | 2.90 | 2.40 | 4.50 | 8.80 |
| 30 | 8.69 | ----- | 15.68 | 14.30 | 4.10 | 4.20 | 4.40 | 2.90 | 3.10 | 2.10 | 4.40 | 11.10 |
| 31 | 8.90 | ----- | 15.23 | ----- | 4.30 | ----- | 3.90 | 3.10 | ----- | 2.00 | ----- | 12.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 9.37 | 9.24 | 16.29 | 13.80 | 7.86 | 6.30 | 4.99 | 2.57 | 2.82 | 2.27 | 3.26 | 5.77 |
| MAX | 13.50 | 11.70 | 18.40 | 15.00 | 14.20 | 7.90 | 6.60 | 3.50 | 3.30 | 3.20 | 5.40 | 12.70 |
| MIN | 7.24 | 8.10 | 11.90 | 12.82 | 3.70 | 4.20 | 3.90 | 1.70 | 2.30 | 1.80 | 1.80 | 4.00 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 31 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363
E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 7.05.

HIGHEST STAGE WAS 18.40 AT 8:00 A.M. ON MAR 18

LOWEST STAGE WAS 1.70 ON AUG 23.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT BONNET CARRE (LA.)

LOCATION. LAT. 29-59-55. LONG. 90-26-35. ON LEFT BANK NEAR LOWER GUIDE LEVEE OF BONNET CARRE
SPILLWAY AT MILE 127.1 (1962 SURVEY) (STA. 0128007.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA. (REVISED) 1,125,890 SQUARE MILES (CONTRIBUTING). BANKFULL
STAGE, 14 FEET. LOW WATER REFERENCE PLANE, 0.68 FOOT ON GAGE. PRIOR TO 1974 GAGE ZERO WAS 0.08
FOOT, NGVD.

RECORDS AVAILABLE. STAGE, MAR. 19, 1930 TO 1973, 1975 TO 1980, 1982 TO DATE. BUT ONLY ABOVE TEN
FEET FOR 1933 TO 1984. THE LOCATION OF GAGE HAS BEEN CHANGE SLIGHTLY SEVERAL TIMES DURING
PERIOD OF RECORD.

EXTREMES. HIGHEST, 23.79 FEET (FROM WATERMARK) ON JUNE 10, 1929. LOWEST, MINUS 0.62 FOOT ON JAN.
24 AND 25, 1940. EXTREMES HAVE BEEN ADJUSTED TO PRESENT DATUM.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1963 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|---------|---------|---------|---------|--------|--------|------|------|--------|-------|
| 1 | 12.20 | 8.31 | | 13.66 F | 12.87 F | 4.20 | | F | 2.95 | 3.31 | 1.78 | 3.52 |
| 2 | 11.51 | 8.43 F | 10.80 | 13.42 F | 12.90 F | 4.50 | 3.80 | | | 3.04 | 1.65 | 2.77 |
| 3 | 11.02 | 8.25 | | 13.18 | F | 4.50 | | F | 3.00 | 2.46 | 1.65 | 3.34 |
| 4 | 11.07 | 7.99 F | 11.43 | | 12.08 F | 4.80 | | F | 2.95 | 2.47 | 2.03 | 4.43 |
| 5 | 10.59 | 7.90 | | | 11.68 | | | F | 2.80 | 2.06 | 1.97 | 3.91 |
| 6 | 10.36 | 8.02 | | 12.68 F | 11.15 | F | 3.75 F | 2.70 | | 2.00 | 1.96 | 4.31 |
| 7 | 10.28 | 7.66 | | 12.43 F | 10.60 | F | 3.85 | 2.81 | | 1.88 | 1.97 | 4.77 |
| 8 | 10.10 | 7.40 | | 12.45 F | 10.20 F | 6.50 F | 3.85 | 2.61 | | 1.88 | 2.27 F | 4.40 |
| 9 | 9.80 | 7.27 | 15.30 | 12.50 | F | 6.90 | | 2.36 | | 1.99 | 2.68 | 4.80 |
| 10 | 9.33 | 7.24 F | 15.56 | | F | 7.48 F | 3.65 | 2.32 F | 2.30 | 2.08 | 2.36 | 4.48 |
| 11 | 8.83 | 7.54 F | 15.90 | 12.51 F | 8.60 F | 7.12 | | 2.22 | | 2.32 | 1.81 | 4.09 |
| 12 | 8.16 | 7.71 F | 16.30 | | 8.00 F | 7.12 | | 2.19 | | 2.25 | 1.85 | 4.77 |
| 13 | 7.84 | 7.88 F | 16.50 F | 12.70 F | 7.40 | | | 2.46 | | 2.30 | 1.68 | 4.67 |
| 14 | 7.57 | 8.04 | | 12.70 F | 6.80 | | | 2.40 | 2.98 | 2.15 | 1.99 | 4.82 |
| 15 | 7.49 | 8.15 | | 12.40 F | 6.20 F | 7.09 | | 2.45 | | 2.28 | 2.16 | 4.10 |
| 16 | 7.52 | 8.61 F | 16.55 F | 12.20 | F | 7.25 F | 5.05 | 2.53 | | 2.01 | 2.51 F | 2.85 |
| 17 | 7.42 | 8.49 F | 16.50 F | 12.25 | F | 6.73 | | 2.49 F | 3.00 | 1.89 | 2.37 F | 3.45 |
| 18 | 7.84 | 8.19 F | 16.80 F | 11.80 F | 5.74 F | 6.55 | | 2.35 | | 1.78 | 2.70 F | 3.25 |
| 19 | 7.93 F | 8.03 F | 16.50 | F | 5.47 F | 6.20 | | 2.28 | | 1.64 | 3.17 | |
| 20 | 7.64 | 8.05 F | 16.30 | | 5.20 | F | 6.00 | 2.19 | | 1.62 | 3.49 | |
| 21 | 7.30 | | 15.85 F | 11.80 F | 4.70 | F | 5.97 | 1.91 | | 1.44 | 3.72 | |
| 22 | 7.31 | | 15.38 F | 12.02 F | 4.50 F | 5.80 F | 5.70 | 1.80 F | 2.20 | 1.77 | 4.20 F | 4.00 |
| 23 | 6.82 | 8.90 | 15.44 F | 12.30 | F | 5.90 F | 6.58 | 1.76 | | 1.69 | 4.52 F | 5.00 |
| 24 | 6.51 F | 9.20 | 15.53 F | 12.45 | | F | 5.55 | 1.79 | 2.29 | 1.83 | 4.81 | |
| 25 | 6.53 | | 15.62 | | | | | 1.85 | 2.32 | 1.98 | 4.73 | |
| 26 | 6.57 | | 15.04 | F | 3.50 F | 4.80 | | 1.99 | 2.39 | 2.33 | 4.63 | |
| 27 | 6.52 F | 9.90 | 14.81 F | 13.13 F | 3.50 | F | 4.88 | 2.02 | 2.58 | 2.38 | 4.46 | |
| 28 | 6.94 | | 14.69 F | 12.95 F | 3.30 | | 4.50 | 2.16 | 2.73 | 2.47 | 4.11 F | 6.60 |
| 29 | 7.34 | ----- | 14.38 F | 13.00 F | 3.50 F | 3.98 F | 4.30 | 2.34 | 2.77 | 2.39 | 2.87 | |
| 30 | 7.92 | ----- | 14.29 F | 12.97 | F | 3.85 F | 3.99 | | 3.05 | 2.02 | 3.75 F | 10.00 |
| 31 | 8.09 | ----- | 13.90 | ----- | | ----- F | 3.63 | ----- | | 2.06 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 8.46 | 8.14 | 15.19 | 12.61 | 7.52 | 5.86 | 4.69 | 2.30 | 2.66 | 2.12 | 2.86 | 4.47 |
| MAX | 12.20 | 9.90 | 16.80 | 13.66 | 12.90 | 7.48 | 6.58 | 2.95 | 3.05 | 3.31 | 4.81 | 10.00 |
| MIN | 6.51 | 7.24 | 10.80 | 11.80 | 3.30 | 3.85 | 3.63 | 1.76 | 2.20 | 1.44 | 1.65 | 2.77 |
| DAYS | 31 | 23 | 23 | 22 | 21 | 19 | 16 | 26 | 13 | 31 | 30 | 22 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 277

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 6.37

HIGHEST STAGE WAS 16.80 ON MAR 18

LOWEST STAGE WAS 0.60 ON NOV 13.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT NEW ORLEANS (CARROLLTON), LA.

LOCATION. LAT. 29-36-05. LONG. 90-08-10. CORPS OF ENGINEERS DEPOT DOCK AT MILE 102.8. (STA. 0130007.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,910 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 11.0 FEET. LOW WATER REFERENCE PLANE, 0.48 FOOT ON GAGE. NATURAL FLOW IS AFFECTED BY TIDES. ON NOV. 7, 1974 GAGE WAS RAISED 0.61 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU NOV. 6 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. STAGE, JAN. 12, 1872 TO DATE. GAGE PRIOR TO 1957 WAS AT MILE 103.5 DISCHARGE. INTERMITTENTLY, 1851, 1852, 1879 TO 1950, 1969, 1971, AND 1973 TO DATE. COMPUTED DAILY, 1928 TO 1936 AND 1938 TO 1944.

EXTREMES. HIGHEST, 21.27 FEET ON APR. 25, 1922. LOWEST, MINUS 1.60 FEET ON DEC. 27, 1872. MAXIMUM, 1,557,000 CFS WAS OBSERVED ON MAY 18, 1927 (STAGE, 20.5), AT MERAUX, LA. (MILE 87.1). BUT FLOW WAS AFFECTED BY ARTIFICIAL CREVASSE MADE ON APR. 29 AT CAERNARVON, LA. (MILE 81.6) MINIMUM, 49,200 CFS OBSERVED ON NOV. 1, 1939 (STAGE, 1.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1986 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|-------|-------|-------|-------|------|------|-------|------|-------|------|
| 1 | 9.83 | 6.54 | 8.39 | 10.91 | 10.31 | 3.26 | 3.13 | 2.69 | 2.93 | 3.09 | 1.60 | 3.00 |
| 2 | 9.15 | 6.62 | 8.35 | 10.73 | 10.20 | 3.48 | 3.13 | 2.60 | 3.08 | 2.80 | 1.45 | 3.04 |
| 3 | 8.76 | 6.43 | 8.54 | 10.50 | 10.00 | 3.67 | 3.18 | 2.65 | 2.96 | 2.19 | 1.50 | 2.99 |
| 4 | 8.82 | 6.22 | 8.90 | 10.26 | 9.71 | 3.77 | 3.16 | 2.79 | 2.75 | 2.25 | 1.78 | 3.10 |
| 5 | 8.49 | 6.17 | 9.46 | 10.00 | 9.24 | 4.02 | 3.20 | 2.92 | 3.00 | 1.80 | 1.55 | 3.13 |
| 6 | 8.22 | 6.29 | 10.13 | 9.93 | 8.75 | 4.27 | 3.38 | 2.99 | 2.50 | 1.60 | 1.67 | 3.22 |
| 7 | 8.04 | 5.94 | 11.18 | 9.86 | 8.35 | 4.92 | 3.52 | 2.70 | 2.20 | 1.50 | 1.55 | 3.85 |
| 8 | 7.93 | 5.64 | 11.70 | 9.89 | 7.95 | 5.38 | 3.75 | 2.45 | 2.20 | 1.40 | 1.82 | 3.99 |
| 9 | 7.64 | 5.54 | 12.02 | 9.75 | 7.56 | 5.70 | 3.65 | 2.28 | 1.83 | 1.48 | 2.30 | 3.87 |
| 10 | 7.32 | 5.54 | 12.33 | 9.82 | 7.20 | 5.80 | 3.60 | 2.10 | 2.05 | 1.52 | 2.07 | 3.75 |
| 11 | 6.77 | 5.71 | 12.72 | 9.82 | 6.83 | 5.88 | 3.48 | 1.82 | 2.41 | 1.78 | 1.60 | 3.62 |
| 12 | 6.33 | 5.92 | 12.92 | 9.98 | 6.37 | 5.80 | 3.39 | 1.90 | 2.45 | 1.88 | 1.56 | 3.80 |
| 13 | 6.03 | 6.04 | 13.06 | 10.11 | 5.95 | 5.60 | 3.33 | 2.11 | 2.56 | 1.95 | 1.43 | 3.69 |
| 14 | 5.79 | 6.24 | 13.21 | 10.15 | 5.40 | 5.60 | 3.40 | 2.05 | 2.67 | 1.93 | 1.77 | 3.91 |
| 15 | 5.97 | 6.40 | 13.27 | 9.85 | 4.88 | 5.52 | 3.67 | 2.13 | 2.50 | 2.06 | 1.90 | 3.68 |
| 16 | 5.94 | 6.75 | 13.30 | 9.60 | 4.65 | 5.37 | 4.02 | 2.27 | 2.70 | 1.88 | 2.32 | 3.01 |
| 17 | 5.83 | 6.64 | 13.31 | 9.34 | 4.56 | 5.23 | 4.35 | 2.18 | 2.77 | 1.71 | 1.95 | 2.61 |
| 18 | 6.30 | 6.39 | 13.50 | 9.19 | 4.35 | 5.10 | 4.57 | 2.20 | 2.65 | 1.59 | 2.20 | 2.50 |
| 19 | 6.18 | 6.24 | 13.25 | 9.14 | 4.15 | 4.82 | 4.84 | 2.17 | 2.64 | 1.58 | 2.33 | 2.52 |
| 20 | 6.04 | 6.29 | 12.98 | 9.23 | 3.95 | 4.77 | 5.02 | 2.16 | 2.42 | 1.50 | 2.45 | 2.93 |
| 21 | 5.74 | 6.54 | 12.70 | 9.22 | 3.80 | 4.79 | 5.10 | 1.95 | 2.24 | 1.20 | 2.50 | 3.20 |
| 22 | 5.79 | 6.79 | 12.30 | 9.36 | 3.60 | 4.85 | 4.88 | 1.78 | 1.97 | 1.45 | 2.92 | 3.65 |
| 23 | 5.23 | 6.08 | 12.25 | 9.75 | 3.40 | 4.73 | 4.78 | 1.65 | 2.09 | 1.18 | 3.42 | 3.86 |
| 24 | 4.87 | 7.14 | 12.42 | 9.97 | 3.30 | 4.50 | 4.69 | 1.70 | 1.99 | 1.34 | 3.73 | 4.22 |
| 25 | 4.97 | 7.30 | 12.23 | 10.19 | 3.20 | 4.20 | 4.44 | 1.72 | 2.00 | 1.43 | 3.77 | 4.50 |
| 26 | 4.89 | 7.73 | 12.10 | 10.37 | 3.10 | 3.82 | 4.27 | 1.70 | 2.09 | 1.88 | 3.84 | 4.62 |
| 27 | 5.00 | 7.85 | 11.93 | 10.52 | 3.09 | 3.59 | 4.06 | 1.67 | 2.22 | 2.00 | 3.69 | 4.77 |
| 28 | 5.24 | 8.40 | 11.85 | 10.49 | 3.10 | 3.48 | 3.73 | 1.83 | 2.48 | 2.20 | 3.55 | 5.00 |
| 29 | 5.60 | ----- | 11.67 | 10.48 | 3.05 | 3.30 | 3.44 | 1.92 | 2.55 | 2.04 | 3.20 | 5.86 |
| 30 | 6.13 | ----- | 11.58 | 10.39 | 3.13 | 3.18 | 3.21 | 2.28 | 2.87 | 1.83 | 3.00 | 7.38 |
| 31 | 6.31 | ----- | 11.14 | ----- | 3.15 | ----- | 2.90 | 2.55 | ----- | 1.85 | ----- | 8.53 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|
| MEAN | 6.62 | 6.48 | 11.76 | 9.96 | 5.69 | 4.61 | 3.85 | 2.19 | 2.46 | 1.80 | 2.35 | 3.93 |
| MAX | 9.83 | 8.40 | 13.50 | 10.91 | 10.31 | 5.88 | 5.10 | 2.99 | 3.08 | 3.09 | 3.84 | 8.53 |
| MIN | 4.87 | 5.54 | 8.35 | 9.14 | 3.05 | 3.18 | 2.90 | 1.65 | 1.83 | 1.18 | 1.43 | 2.50 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 5.13.

HIGHEST STAGE WAS 14.05 AT 9:30 P. M. ON MAR 17.

LOWEST STAGE WAS 0.54 ON OCT 29.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER (IWW) AT HARVEY LOCK (LA.)

LOCATION. LAT. 29-54-35. LONG. 90-05-04. ON DOWNSTREAM END OF FOREBAY WALL AT MILE 98.3.
(STA. 0132007.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. BANKFULL STAGE, 9.5 FEET. LOW WATER REFERENCE PLANE, 0.35 FOOT ON GAGE. ON DEC. 5, 1974 GAGE WAS RAISED 1.68 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU DEC. 4 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS AT M. L. G.

RECORDS AVAILABLE. STAGE. JAN. 1, 1924, TO DATE.

EXTREMES. HIGHEST, 19.42 FEET ON APR. 24, 1927. LOWEST, MINUS 0.68 FOOT ON DEC. 17 AND 18, 1953. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|-------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 9.21 | 6.04 | 7.85 | 10.26 | 9.60 | 2.85 | 2.65 | 2.44 | 2.63 | 2.84 | 1.75 | 3.25 |
| 2 | 8.69 | 6.27 | 7.84 | 10.05 | 9.59 | 3.15 | 2.88 | 2.41 | 2.65 | 2.60 | 1.70 | 3.40 |
| 3 | 8.41 | 5.99 | 7.92 | 10.02 | 9.40 | 3.05 | 2.78 | 2.36 | 2.53 | 2.65 | 1.65 | 3.50 |
| 4 | 8.35 | 5.81 | 8.40 | 9.65 | 9.15 | 3.50 | 2.85 | 2.45 | 2.35 | 1.99 | 1.55 | 2.84 |
| 5 | 7.98 | 5.81 | 9.82 | 9.63 | 9.19 | 3.51 | 2.90 | 2.43 | 2.40 | 1.39 | 1.58 | 3.00 |
| 6 | 7.76 | 5.77 | 9.66 | 9.20 | 9.24 | 3.60 | 3.02 | 2.48 | 2.05 | 1.52 | 1.88 | 3.05 |
| 7 E | 7.67 | 5.73 | 9.58 | 9.32 | 9.05 | 4.65 | 3.13 | 2.50 | 1.73 | 2.43 | 1.71 | 3.00 |
| 8 | 7.58 | 5.64 | 11.10 | 9.32 | 8.02 | 4.90 | 3.31 | 1.98 | 2.05 | 1.73 | 1.87 | 3.89 |
| 9 | 7.51 | 4.91 | 11.42 | 9.27 | 7.06 | 5.35 | 3.16 | 1.99 | 1.70 | 1.58 | 2.34 | 3.27 |
| 10 | 7.56 | 5.19 | 11.74 | 9.10 | 6.80 | 5.20 | 3.08 | 2.20 | 1.95 | 1.55 | 2.10 | 3.45 |
| 11 | 7.41 | 5.21 | 11.84 | 9.45 | 6.45 | 5.50 | 3.90 | 1.57 | 2.37 | 1.85 | 1.86 | 3.40 |
| 12 | 6.46 | 5.61 | 12.15 | 9.30 | 6.38 | 5.30 | 2.85 | 1.95 | 2.30 | 1.95 | 1.65 | 3.67 |
| 13 | 6.46 | 5.56 | 12.35 | 9.61 | 6.40 | 5.18 | 2.97 | 1.95 | 2.30 | 2.00 | 1.33 | 3.42 |
| 14 | 6.35 | 5.76 | 12.49 | 9.65 | 5.05 | 5.20 | 3.00 | 1.97 | 2.50 | 1.75 | 1.70 | 3.70 |
| 15 | 6.46 | 5.85 | 12.85 | 9.21 | 4.35 | 5.15 | 3.26 | 2.08 | 2.50 | 2.10 | 1.90 | 3.70 |
| 16 | 6.36 | 6.53 | 12.54 | 9.35 | 4.40 | 5.12 | 3.65 | 2.30 | 2.70 | 2.07 | 1.94 | 3.80 |
| 17 | 6.56 | 6.10 | 12.55 | 8.85 | 4.18 | 4.25 | 3.75 | 2.00 | 2.60 | 1.99 | 1.82 | 2.64 |
| 18 | 5.86 | 6.15 | 12.75 | 8.72 | 4.20 | 4.55 | 4.10 | 2.00 | 2.75 | 1.85 | 1.90 | 2.71 |
| 19 | 5.66 | 5.75 | 12.45 | 8.38 | 4.02 | 4.25 | 4.25 | 2.10 | 2.70 | 1.45 | 1.77 | 2.81 |
| 20 | 5.65 | 5.82 | 12.40 | 8.58 | 3.70 | 4.00 | 4.49 | 2.10 | 1.98 | 1.37 | 2.18 | 3.10 |
| 21 | 5.69 | 5.75 | 12.45 | 8.45 | 3.80 | 4.20 | 4.85 | 1.43 | 2.06 | 1.10 | 2.55 | 3.00 |
| 22 | 5.62 | 6.10 | 11.60 | 9.17 | 3.35 | 4.44 | 4.95 | 1.48 | 1.95 | 1.27 | 2.65 | 2.96 |
| 23 | 5.49 | 6.35 | 11.70 | 9.19 | 3.75 | 4.40 | 5.02 | 1.05 | 1.90 | 1.43 | 3.48 | 3.24 |
| 24 | 4.56 | 6.60 | 11.53 | 9.39 | 3.10 | 4.13 | 4.81 | 1.42 | 1.97 | 1.56 | 3.24 | 3.54 |
| 25 | 4.43 | 6.82 | 11.45 | 9.50 | 2.92 | 4.16 | 4.00 | 1.58 | 1.97 | 1.24 | 3.75 | 3.84 |
| 26 | 4.46 | 7.33 | 11.42 | 9.90 | 3.05 | 3.57 | 4.05 | 1.51 | 2.02 | 1.93 | 3.45 | 3.89 |
| 27 | 4.51 | 7.41 | 11.35 | 9.84 | 3.07 | 3.15 | 3.66 | 1.45 | 2.00 | 2.80 | 3.50 | 4.01 |
| 28 | 4.46 | 7.78 | 11.25 | 9.80 | 2.90 | 2.85 | 3.25 | 1.40 | 2.35 | 2.85 | 3.35 | 4.27 |
| 29 | 5.13 | ----- | 11.00 | 9.80 | 2.64 | 2.75 | 3.21 | 1.85 | 2.41 | 2.10 | 3.98 | 4.27 |
| 30 | 5.70 | ----- | 10.96 | 9.78 | 2.80 | 2.95 | 3.03 | 2.03 | 2.58 | 2.40 | 3.65 | 6.90 |
| 31 | 5.84 | ----- | 10.50 | ----- | 2.83 | ----- | 2.65 | 2.35 | ----- | 2.20 | ----- | 8.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|-------|------|------|------|------|------|------|------|------|
| MEAN | 6.45 | 6.06 | 11.13 | 9.39 | 5.50 | 4.16 | 3.53 | 1.96 | 2.26 | 1.92 | 2.33 | 3.66 |
| MAX | 9.21 | 7.78 | 12.85 | 10.26 | 9.60 | 5.50 | 5.02 | 2.50 | 2.75 | 2.85 | 3.98 | 8.05 |
| MIN | 4.43 | 4.91 | 7.84 | 8.38 | 2.64 | 2.75 | 2.65 | 1.05 | 1.70 | 1.10 | 1.33 | 2.64 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 4.86

HIGHEST STAGE WAS 12.85 AT 8:00 A. M. ON MAR 15.

LOWEST STAGE WAS 1.05 ON AUG 23.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER (IHW) AT INNER HARBOR NAVIGATION CANAL LOCK (LA)

LOCATION. LAT. 29-57-46. LONG. 90-01-45. ON HANDRAIL OF FOREBAY WALL AT MILE 92.7
(STA. 0134007.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. BANKFULL STAGE. 8.5 FEET. LOW WATER REFERENCE PLANE. 0.15 FOOT ON GAGE. ON
FEB. 13, 1975 GAGE WAS RAISED 21.49 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE
ZERO. STAGES FROM JAN. 1 THRU FEB. 12 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS
MINUS 20.48 FEET, NGVD.

RECORDS AVAILABLE. STAGE, JAN. 1945 TO DATE.

EXTREMES. HIGHEST. 17.52 FEET FROM APR. 27 TO 29, 1945 AND FEB. 10 AND MAR. 4, 1950. LOWEST,
MINUS 0.48 FOOT ON DEC. 15, 1953 AND JAN. 4, 1954. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|------|-------|-----|-------|-------|-----|-------|-----|-------|-----|
| 1 | 8.5 | 5.6 | 7.3 | 9.6 | 9.6 | 4.3 | 2.4 | 2.1 | 2.6 | 2.8 | 1.8 | 3.1 |
| 2 | 8.0 | 5.6 | 7.2 | 9.4 | 9.1 | 2.8 | 2.5 | 2.1 | 2.7 | 2.4 | 1.3 | 2.7 |
| 3 | 7.6 | 5.4 | 7.6 | 9.4 | 8.8 | 3.0 | 2.6 | 2.2 | 2.8 | 1.7 | 1.4 | 2.6 |
| 4 | 7.8 | 5.3 | 7.9 | 8.9 | 8.6 | 3.2 | 2.8 | 2.6 | 2.4 | 2.9 | 1.6 | 2.6 |
| 5 | 7.4 | 5.1 | 8.3 | 8.7 | 8.1 | 3.5 | 2.7 | 2.2 | 2.7 | 1.5 | 1.5 | 2.9 |
| 6 | 7.1 | 5.3 | 8.8 | 8.6 | 7.8 | 3.6 | 2.8 | 2.6 | 2.2 | 1.3 | 1.6 | 3.0 |
| 7 | 7.0 | 5.0 | 9.8 | 9.0 | 7.8 | 4.0 | 3.1 | 2.4 | 1.6 | 1.3 | 1.4 | 3.2 |
| 8 | 6.7 | 4.7 | 10.3 | 8.7 | 7.4 | 4.6 | 3.4 E | 2.4 | 1.6 | 1.3 | 1.9 | 3.6 |
| 9 | 6.6 | 4.6 | 10.5 | 8.8 | 6.6 | 5.0 | 3.5 E | 2.0 | 1.0 | 1.4 | 2.2 | 3.5 |
| 10 | 6.6 | 4.9 | 10.8 | 8.7 | 6.4 | 4.6 | 3.5 | 1.8 | 1.6 | 1.7 | 2.0 | 3.3 |
| 11 | 5.6 | 4.9 | 11.1 | 8.7 | 6.0 | 4.5 | 2.2 | 1.6 | 1.9 | 1.6 | 1.6 | 3.3 |
| 12 | 5.4 | 5.1 | 11.3 | 8.8 | 5.6 | 5.1 | 2.5 | 1.7 | 1.9 | 1.6 | 1.4 | 3.3 |
| 13 | 5.4 | 5.2 | 11.5 | 8.8 | 5.1 | 4.8 | 2.9 | 2.1 | 2.4 | 1.6 | 1.4 | 3.0 |
| 14 | 4.9 | 5.4 | 11.6 | 8.9 | 4.5 | 5.3 | 2.5 | 1.6 | 2.2 | 1.6 | 1.6 | 3.6 |
| 15 | 5.2 | 5.8 | 11.6 | 8.9 | 4.2 | 4.8 | 3.1 | 1.7 | 1.5 | 1.7 | 1.8 | 3.3 |
| 16 | 4.9 | 6.0 | 11.7 | 8.6 | 3.2 | 4.3 | 3.3 | 1.7 | 2.4 | 1.7 | 2.4 | 2.6 |
| 17 | 5.0 | 6.0 | 11.6 | 8.3 | 3.6 | 4.3 | 3.8 | 1.8 | 2.3 | 1.7 | 1.8 | 2.8 |
| 18 | 5.5 | 5.6 | 12.1 | 7.9 | 3.6 | 4.4 | 4.0 | 2.0 | 2.1 | 1.3 | 2.0 | 2.5 |
| 19 | 5.5 | 5.3 | 11.7 | 8.1 | 3.6 | 4.2 | 4.2 | 1.8 | 2.1 | 1.4 | 2.1 | 2.1 |
| 20 | 5.1 | 5.2 | 11.4 | 8.0 | 3.4 | 4.1 | 4.4 | 2.2 | 2.1 | 1.5 | 2.1 | 2.7 |
| 21 | 4.7 | 6.0 | 11.2 | 8.0 | 3.3 | 4.3 | 4.5 | 1.6 | 1.8 | 1.1 | 2.2 | 2.7 |
| 22 | 4.8 | 5.9 | 11.2 | 8.2 | 3.1 | 4.2 | 4.0 | 1.6 | 1.5 | 1.7 | 2.4 | 3.2 |
| 23 | 4.4 | 5.9 | 10.7 | 8.5 | 3.2 | 4.5 | 4.5 | 1.3 | 1.8 | 1.4 | 2.9 | 3.5 |
| 24 | 3.3 | 6.2 | 10.8 | 8.8 | 3.1 | 3.8 | 4.1 | 1.4 | 1.7 | 1.8 | 3.3 | 3.7 |
| 25 | 4.1 | 6.2 | 10.8 | 9.0 | 2.9 | 3.7 | 3.9 | 1.3 | 1.7 | 1.3 | 1.8 | 3.7 |
| 26 | 4.0 | 6.8 | 10.5 | 9.3 | 2.8 | 3.6 | 3.8 | 1.3 | 1.8 | 1.8 | 3.5 | 4.0 |
| 27 | 4.0 | 7.2 | 10.5 | 9.2 | 2.6 | 3.0 | 3.4 | 1.5 | 2.0 | 1.9 | 3.5 | 4.5 |
| 28 | 4.3 | 7.3 | 10.4 | 9.2 | 2.8 | 2.9 | 3.3 | 1.6 | 2.4 | 2.2 | 3.5 | 4.4 |
| 29 | 4.8 | ----- | 10.3 | 9.2 | 2.5 | 2.8 | 2.9 | 1.7 | 2.2 | 1.7 | 3.3 | 5.3 |
| 30 | 5.3 | ----- | 10.3 | 9.2 | 2.8 | 2.6 | 2.8 | 2.0 | 2.5 | 1.6 | 3.1 | 6.3 |
| 31 | 5.3 | ----- | 9.9 | ----- | 3.6 | ----- | 2.4 | 2.2 | ----- | 1.7 | ----- | 7.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 5.6 | 5.6 | 10.3 | 8.8 | 5.0 | 4.0 | 3.3 | 1.9 | 2.0 | 1.7 | 2.1 | 3.5 |
| MAX | 8.5 | 7.3 | 12.1 | 9.6 | 9.6 | 5.3 | 4.5 | 2.6 | 2.8 | 2.9 | 3.5 | 7.5 |
| MIN | 3.3 | 4.6 | 7.2 | 7.9 | 2.5 | 2.6 | 2.2 | 1.3 | 1.0 | 1.1 | 1.3 | 2.1 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 4.5

HIGHEST STAGE WAS 12.10 AT 8.00 A. M. ON MAR 18.

LOWEST STAGE WAS 1.00 ON SEP 9.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT CHALMETTE, LA.

LOCATION. LAT. 29-56-42, LONG. 90-00-12 (CO-ORDINATES RESCALED, 1969). PIER ON UPSTREAM END OF AMERICAN SUGAR REFINERY WHARF, NEAR CHALMETTE SLIP, AND AT MILE 91.0. (STA. 0136007.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,920 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 8.0 FEET. LOW WATER REFERENCE PLANE, 0.08 FOOT ON GAGE. ON MAY 31, 1974 GAGE WAS RAISED 3.28 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 30 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS MINUS 2.22 FEET, NGVD.

RECORDS AVAILABLE. STAGE, OCT. 23, 1923, TO DATE. GAGE PRIOR TO MAY 17, 1951, WAS 0.3 MILE DOWNSTREAM. SUBTRACT 0.1 FROM DAILY STAGES FROM 1954 TO 1964.

EXTREMES. HIGHEST, 17.58 FEET ON APR. 25 AND 26, 1927. LOWEST, MINUS 0.52 FOOT ON JAN. 24 AND 26, 1940. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|-------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 9.35 | 6.40 | 7.92 | 9.45 | 8.95 | 2.75 | 2.64 | 2.30 | 2.70 | 2.79 | 1.51 | 2.50 |
| 2 | 8.80 | 6.32 | 8.06 | 9.30 | 8.90 | 2.92 | 2.60 | 2.23 | 2.86 | 2.50 | 1.33 | 2.53 |
| 3 | 8.40 | 6.30 | 8.22 | 9.00 | 8.70 | 3.10 | 2.65 | 2.31 | 2.81 | 1.92 | 1.41 | 2.43 |
| 4 | 8.48 | 6.12 | 8.50 | 8.85 | 8.40 | 3.22 | 2.65 | 2.50 | 2.67 | 1.96 | 1.61 | 2.52 |
| 5 | 8.08 | 6.12 | 9.00 | 8.60 | 8.00 | 3.44 | 2.70 | 2.64 | 2.89 | 1.52 | 1.30 | 2.65 |
| 6 | 7.86 | 6.22 | 9.52 | 8.60 | 7.60 | 3.70 | 2.95 | 2.71 | 2.29 | 1.32 | 1.50 | 2.78 |
| 7 | 7.65 | 5.88 | 10.50 | 8.52 | 7.20 | 4.30 | 3.08 | 2.49 | | 1.26 | 1.45 | 3.33 |
| 8 | 7.52 | 5.60 | 10.92 | 8.58 | 6.92 | 4.70 | 3.29 | 2.24 | | 1.27 | 1.62 | 3.55 |
| 9 | 7.30 | 5.48 | 11.12 | 8.50 | 6.59 | 5.00 | 3.18 | 2.00 | 1.70 | 1.34 | 2.09 | 3.45 |
| 10 | 7.00 | 5.42 | 11.38 | 8.58 | 6.28 | 5.10 | 3.22 | 1.88 | | 1.40 | 1.90 | 3.30 |
| 11 | 6.55 | 5.60 | | 8.62 | 6.08 | 5.18 | 3.04 | 1.60 | | 1.66 | 1.40 | 3.15 |
| 12 | 6.04 | 5.83 | | 8.75 | 5.62 | 5.15 | 3.03 | 1.58 | | 1.76 | 1.43 | 3.30 |
| 13 | 5.80 | 5.92 | | 8.88 | 5.22 | 5.05 | 3.03 | 1.70 | | 1.81 | 1.30 | 3.19 |
| 14 | 5.60 | 6.20 | | 8.97 | 4.82 | 5.00 | 2.95 | 1.73 | | 1.83 | 1.65 | 3.40 |
| 15 | 5.88 | 6.32 | | 8.68 | 4.30 | 4.82 | 3.15 | 1.81 | | 2.00 | 1.80 | 3.19 |
| 16 | 5.82 | 6.70 | | 8.44 | 4.05 | 4.68 | 3.50 | 2.02 | 2.47 | 1.80 | 2.15 | 2.45 |
| 17 | 5.72 | 6.54 | 11.46 | 8.20 | 3.83 | 4.55 | 3.83 | 1.99 | 1.97 | 1.65 | 1.79 | 2.10 |
| 18 | 6.20 | 6.30 | 11.68 | 8.05 | 3.70 | 4.45 | 4.01 | 2.05 | | 1.49 | 2.01 | 1.96 |
| 19 | 6.08 | 6.12 | 11.42 | 7.97 | 3.47 | 4.20 | 4.32 | 2.01 | 2.00 | 1.48 | 1.97 | 2.02 |
| 20 | 5.90 | 6.20 | 11.10 | 7.98 | 3.29 | 4.18 | 4.47 | 2.01 | 2.71 | 1.39 | 2.02 | 2.30 |
| 21 | 5.69 | 6.45 | 10.82 | 7.98 | 3.15 | 4.22 | 4.58 | 1.82 | 2.52 | 1.10 | 2.04 | 2.70 |
| 22 | 5.75 | 6.68 | 10.50 | 8.08 | 2.90 | 4.23 | 4.40 | 1.71 | 2.29 | 1.38 | 2.40 | 3.00 |
| 23 | 5.18 | 6.55 | 10.50 | 8.42 | 2.88 | 4.08 | 4.20 | 1.60 | 1.82 | 1.10 | 3.06 | 3.27 |
| 24 | 4.80 | 6.90 | 10.70 | 8.65 | 2.90 | 3.86 | 4.09 | 1.51 | 1.63 | 1.18 | 3.25 | 3.55 |
| 25 | 5.00 | 7.04 | 10.50 | 8.86 | 2.84 | 3.52 | 3.86 | 1.60 | 1.62 | 1.31 | 3.38 | 3.90 |
| 26 | 4.82 | 7.50 | 10.40 | 9.04 | 2.92 | 3.29 | 3.64 | 1.56 | 1.70 | 1.62 | 3.48 | 4.00 |
| 27 | 4.88 | 7.56 | 10.32 | 9.18 | 2.84 | 3.00 | 3.48 | 1.50 | 1.80 | 1.70 | 3.36 | 4.15 |
| 28 | 5.12 | 7.80 | 10.32 | 9.10 | 2.82 | 2.90 | 3.20 | 1.65 | 2.10 | 2.03 | 3.25 | 4.35 |
| 29 | 5.50 | ----- | 10.18 | 9.10 | 2.70 | 2.78 | 2.94 | 1.74 | 2.10 | 1.92 | 2.88 | 4.95 |
| 30 | 5.96 | ----- | 10.10 | 9.05 | 2.70 | 2.65 | 2.75 | 2.10 | 2.57 | 1.78 | 2.60 | 6.35 |
| 31 | 6.18 | ----- | 9.68 | ----- | 2.68 | ----- | 2.43 | 2.32 | ----- | 1.79 | ----- | 7.49 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 6.42 | 6.37 | 10.19 | 8.67 | 4.94 | 4.00 | 3.35 | 1.96 | 2.25 | 1.65 | 2.10 | 3.35 |
| MAX | 9.35 | 7.80 | 11.68 | 9.45 | 8.95 | 5.18 | 4.58 | 2.71 | 2.89 | 2.79 | 3.48 | 7.49 |
| MIN | 4.80 | 5.42 | 7.92 | 7.97 | 2.68 | 2.65 | 2.43 | 1.50 | 1.62 | 1.10 | 1.30 | 1.96 |
| DAYS | 31 | 28 | 25 | 30 | 31 | 30 | 31 | 31 | 21 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 350

THE MEAN STAGE FOR THE YEAR WAS 4.56

HIGHEST STAGE (FROM INCOMPLETE RECORD) WAS 12.18 AT 10 30 P.M. ON MAR. 17.

LOWEST STAGE WAS 0.84 ON AUG. 17

DAILY STAGE FOR 1987

MISSISSIPPI RIVER (IWW) AT ALGIERS LOCK (LA.)

LOCATION: LAT. 29-54-50, LONG. 89-58-20. ON SOUTHEAST FOREBAY WALL AT MILE 88.3. (STA. 0138004.)

GAGE AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. BANKFULL STAGE, 7.5 FEET. LOW WATER REFERENCE PLANE, 0.08 FOOT ON GAGE. ON DEC. 5, 1974 GAGE WAS RAISED 1.89 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO STAGES FROM JAN. 1 THRU DEC. 4 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS MINUS 0.22 FOOT, M.L.G.

RECORDS AVAILABLE. STAGE, MAY 1, 1956, TO DATE.

EXTREMES. HIGHEST, 16.11 FEET ON APR. 7, 1973. LOWEST, MINUS 0.15 FOOT ON JAN. 19, 1981.
EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|-------|-------|-------|--------|-------|------|------|-------|------|-------|------|
| 1 | 8.16 | 5.21 | 7.45 | 8.98 | 8.51 | 2.55 | 2.40 | 2.40 | 2.78 | 2.75 | 1.43 | 2.48 |
| 2 | 7.61 E | 5.21 | 7.50 | 8.85 | 8.51 | 2.70 | 2.45 | 2.38 | 2.88 | 2.47 | 1.22 | 2.45 |
| 3 | 7.26 | 5.26 | 7.70 | 8.40 | 8.38 | 2.97 | 2.50 | 2.44 | 2.85 | 1.78 | 1.28 | 2.32 |
| 4 | 7.36 E | 5.06 | 7.95 | 8.30 | 8.35 | 3.08 | 2.50 | 2.69 | 2.65 | 1.84 | 1.55 | 2.50 |
| 5 | 7.01 | 4.96 | 8.40 | 8.23 | 7.70 | 3.20 | 2.60 | 2.70 | 2.75 | 1.38 | 1.15 | 2.47 |
| 6 | 6.76 | 5.11 | 8.95 | 8.17 | 7.28 | 3.50 | 2.70 | 2.68 | 2.20 | 1.29 | 1.30 | 2.65 |
| 7 | 6.57 | 4.81 | 10.20 | 8.16 | 6.90 | 4.13 | 3.00 | 2.40 | 1.75 | 1.30 | 1.30 | 3.15 |
| 8 | 6.50 | 4.46 | 10.35 | 8.15 | 6.65 | 4.52 | 3.10 | 2.11 | 1.70 | 1.25 | 1.47 | 3.37 |
| 9 | 6.36 | 4.36 | 10.50 | 8.05 | 6.25 | 4.87 | 3.00 | 1.85 | 1.35 | 1.50 | 1.85 | 3.35 |
| 10 | 6.14 | 4.38 | 10.75 | 7.60 | 5.90 | 4.75 | 2.85 | 1.76 | 1.70 | 1.50 | 1.55 | 3.28 |
| 11 | 5.78 | 4.53 | 11.10 | 8.20 | 5.66 | 4.65 | 2.65 | 1.40 | 2.18 | 1.80 | 1.40 | 3.10 |
| 12 | 5.31 | 4.71 | 10.80 | 8.35 | 5.30 | 4.60 | 2.55 | 1.45 | 2.20 | 1.80 | 1.80 | 3.27 |
| 13 | 5.18 | 4.81 | 10.95 | 8.50 | 4.91 | 4.55 | 2.55 | 1.65 | 2.35 | 1.80 | 1.10 | 3.10 |
| 14 | 4.96 | 5.10 | 11.00 | 8.10 | 4.34 | 4.58 | 2.55 | 1.59 | 2.43 | 1.70 | 1.90 | 3.30 |
| 15 | 4.87 | 5.30 | 10.95 | 8.25 | 3.75 | 4.63 | 2.90 | 1.70 | 2.35 | 1.90 | 1.60 | 3.18 |
| 16 | 4.74 | 5.85 | 10.95 | 8.00 | 3.60 | 4.35 | 3.20 | 1.90 | 2.50 | 1.68 | 1.90 | 2.49 |
| 17 | 4.77 | 5.70 | 11.25 | 7.80 | 3.55 | 4.33 | 3.50 | 1.72 | 2.54 | 1.52 | 1.60 | 2.14 |
| 18 | 5.01 | 5.48 | 11.25 | 7.65 | 3.55 E | 4.13 | 3.70 | 1.77 | 2.40 | 1.39 | 1.70 | 2.10 |
| 19 | 5.16 | 5.60 | 11.00 | 7.55 | 3.30 | 3.90 | 4.00 | 1.65 | 2.42 | 1.35 | 1.95 | 2.15 |
| 20 | 4.95 | 5.60 | 10.70 | 7.55 | 3.18 | 3.90 | 4.18 | 1.60 | 2.05 | 1.27 | 2.08 | 2.62 |
| 21 | 4.64 | 5.85 | 10.42 | 7.60 | 3.10 | 3.89 | 4.32 | 1.43 | 1.90 | 1.00 | 2.02 | 2.60 |
| 22 | 4.71 | 6.10 | 10.18 | 7.88 | 2.85 | 3.82 | 4.08 | 1.35 | 1.70 | 1.30 | 2.43 | 2.20 |
| 23 | 4.11 | 5.95 | 10.10 | 8.01 | 2.85 | 3.75 | 4.00 | 1.23 | 1.77 | 1.02 | 2.90 | 3.10 |
| 24 | 3.86 | 6.30 | 10.40 | 8.30 | 2.88 | 3.68 | 3.95 | 1.30 | 1.75 | 1.35 | 3.20 | 3.55 |
| 25 | 4.06 | 6.45 | 10.10 | 8.40 | 2.80 | 3.40 | 3.64 | 1.40 | 1.83 | 1.30 | 3.35 | 3.65 |
| 26 | 3.91 | 6.80 | 9.95 | 8.56 | 2.78 | 3.15 | 3.59 | 1.40 | 1.89 | 1.70 | 3.40 | 3.75 |
| 27 | 3.96 | 6.95 | 9.80 | 8.70 | 2.60 | 2.85 | 3.31 | 1.55 | 2.10 | 1.23 | 3.30 | 3.82 |
| 28 | 4.16 | 7.58 | 9.85 | 8.65 | 2.60 | 2.70 | 3.15 | 1.78 | 2.23 | 2.10 | 3.21 | 3.98 |
| 29 | 4.51 | ----- | 9.70 | 8.68 | 2.50 | 2.64 | 2.95 | 1.93 | 2.20 | 1.80 | 2.79 | 4.70 |
| 30 | 4.96 | ----- | 9.62 | 8.56 | 2.54 | 2.50 | 2.76 | 2.30 | 2.58 | 1.65 | 2.52 | 5.87 |
| 31 | 5.16 | ----- | 9.30 | ----- | 2.55 | ----- | 2.52 | 2.50 | ----- | 1.65 | ----- | 6.92 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 5.44 | 5.48 | 9.97 | 8.21 | 4.70 | 3.74 | 3.13 | 1.87 | 2.20 | 1.59 | 2.01 | 3.21 |
| MAX | 8.16 | 7.58 | 11.25 | 8.98 | 8.51 | 4.87 | 4.32 | 2.70 | 2.88 | 2.75 | 3.40 | 6.92 |
| MIN | 3.86 | 4.36 | 7.45 | 7.55 | 2.50 | 2.50 | 2.40 | 1.23 | 1.35 | 1.00 | 1.10 | 2.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 4.29.

HIGHEST STAGE WAS 11.65 AT 2 30 A.M. ON MAR 17.

LOWEST STAGE WAS 0.30 ON OCT 29

DAILY STAGE FOR 1987

MISSISSIPPI RIVER NEAR BRAITHWAITE, LA

LOCATION: LAT. 29-51-43, LONG. 89-58-21. ON DOCK OF AMAX NICKEL PLANT, LEFT BANK AT MILE 76.6
(STA. 0138604.)

GAGE: AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION: BANKFULL STAGE, 7.0 FEET

RECORDS AVAILABLE: STAGE, FEB. 26, 1977 TO DATE

EXTREMES: HIGHEST, 12.32 FEET ON MAY 30, 1984. LOWEST, MINUS 0.40 FOOT ON JAN. 19, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1984 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|------|--------|------|-------|------|------|-------|------|-------|------|
| 1 | 7.50 | 4.86 | 6.35 | 8.14 | 7.74 | 2.63 | 2.43 | 2.17 | 2.55 | 2.76 | 1.57 | 2.24 |
| 2 | 6.95 | 5.14 | 6.33 | 8.05 | 7.71 | 2.72 | 2.45 | 2.14 | 2.70 | 2.47 | 1.35 | 2.17 |
| 3 | 6.70 | 4.80 | 6.45 | 7.78 | 7.54 | 2.85 | 2.50 | 2.26 | 2.69 | 1.94 | 1.40 | 2.07 |
| 4 | 6.76 | 4.69 F | 6.70 | 7.68 | 7.30 | 2.94 | 2.50 | 2.45 | 2.62 | 2.00 | 1.63 | 2.20 |
| 5 | 6.45 | 4.69 | 6.98 | 7.45 | 6.92 | 3.14 | 2.57 | 2.60 | 2.82 | 1.50 | 1.37 | 2.22 |
| 6 | 6.19 | 4.76 | 7.40 | 7.45 | 6.64 | 3.35 | 2.86 | 2.75 | 2.30 | 1.30 | 1.43 | 2.42 |
| 7 | 6.03 | 4.39 | 8.29 | 7.40 | 6.32 | 3.95 | 3.00 | 2.60 | 1.93 | 1.15 | 1.37 | 2.98 |
| 8 | 5.90 | 4.18 | 8.56 | 7.42 | 6.05 | 4.29 | 3.21 | 2.39 | 1.74 | 1.06 | 1.63 | 3.22 |
| 9 | 5.62 | 4.03 | 8.70 | 7.35 | 5.80 | 4.60 | 3.12 | 2.20 | 1.37 | 1.15 | 2.13 | 3.10 |
| 10 | 5.39 | 4.03 | 8.92 | 7.43 | 5.53 | 4.65 | 3.06 | 1.95 | 1.54 | 1.18 | 1.86 | 3.00 |
| 11 | 4.93 | 4.20 | 9.25 | 7.50 | 5.34 | 4.73 | 2.88 | 1.66 | 1.92 | 1.48 | 1.43 | 2.85 |
| 12 | 4.52 | 4.38 | 9.40 | 7.66 | 5.00 | 4.62 | 2.74 | 1.55 | 1.96 | 1.59 | 1.43 | 3.03 |
| 13 | 4.34 | 4.50 | 9.50 | 7.78 | 4.67 | 4.50 | 2.64 | 1.62 | 2.03 | 1.65 | 1.30 | 2.88 |
| 14 | 4.19 | 4.74 | 9.65 | 7.88 | | 4.41 | 2.57 | 1.58 | 2.20 | 1.69 | 1.63 | 3.10 |
| 15 | 4.44 | 4.90 | 9.71 | 7.52 | | 4.28 | 2.75 | 1.66 | 2.11 | 1.85 | 1.75 | 2.86 |
| 16 | 4.45 | 4.90 | 9.75 | 7.33 | | 4.10 | 3.06 | 1.88 | 2.32 | 1.70 | 2.12 | 2.25 |
| 17 | 4.38 | 5.07 | 9.85 | 7.15 | | 3.98 | 3.33 | 1.82 | 2.38 | 1.55 | 1.70 | 1.86 |
| 18 | 4.82 | 4.84 | 9.98 | 6.96 | | 3.89 | 3.51 | 1.90 | 2.28 | 1.44 | 1.82 | 1.76 |
| 19 | 4.65 | 4.70 | 9.75 | 6.84 | | 3.67 | 3.83 | 1.86 | 2.28 | 1.43 | 1.85 | 1.84 |
| 20 | 4.50 | 4.74 | 9.47 | 6.86 | | 3.70 | 4.00 | 1.89 | 2.04 | 1.30 | 1.89 | 2.13 |
| 21 | 4.35 | 4.99 | 9.22 | 6.83 | | 3.78 | 4.13 | 1.68 | 1.97 | 1.02 | 1.82 | 2.35 |
| 22 | 4.37 | 5.12 | 8.90 | 6.91 | | 3.80 | 3.94 | 1.61 | 1.67 | 1.25 | 2.18 | 2.68 |
| 23 | 3.80 | 4.95 | 8.93 | 7.23 | | 3.80 | 3.84 | 1.47 | 1.75 | 0.96 | 2.72 | 2.93 |
| 24 | 3.47 | 5.30 | 9.15 | 7.45 | | 3.55 | 3.70 | 1.47 | 1.58 | 1.00 | 3.04 | 3.27 |
| 25 | 3.63 | 5.44 | 9.01 | 7.66 | | 3.27 | 3.46 | 1.47 | 1.60 | 1.13 | 3.19 | 3.49 |
| 26 | 3.43 | 5.89 | 8.94 | 7.78 F | 3.00 | 3.03 | 3.30 | 1.42 | 1.63 | 1.52 | 3.17 | 3.57 |
| 27 | 3.47 | 5.95 | 8.90 | 7.97 | 2.82 | 2.80 | 3.15 | 1.35 | 1.78 | 1.65 | 3.10 | 3.65 |
| 28 | 3.65 F | 6.44 | 8.93 | 7.88 | 2.75 | 2.68 | 2.90 | 1.53 | 2.02 | 1.96 | 3.05 | 3.70 |
| 29 | 4.00 | ----- | 8.80 | 7.87 | 2.67 | 2.60 | 2.66 | 1.62 | 2.07 | 1.86 | 2.66 | 4.20 |
| 30 | 4.47 | ----- | 8.75 | 7.79 | 2.66 | 2.48 | 2.53 | 1.98 | 2.54 | 1.74 | 2.37 | 5.33 |
| 31 | 4.62 | ----- | 8.33 | ----- | 2.62 | ----- | 2.25 | 2.21 | ----- | 1.79 | ----- | 6.17 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.90 | 4.88 | 8.67 | 7.50 | 5.21 | 3.63 | 3.06 | 1.89 | 2.08 | 1.55 | 2.00 | 2.95 |
| MAX | 7.50 | 6.44 | 9.98 | 8.14 | 7.74 | 4.73 | 4.13 | 2.75 | 2.82 | 2.76 | 3.19 | 6.17 |
| MIN | 3.43 | 4.03 | 6.33 | 6.83 | 2.62 | 2.48 | 2.25 | 1.35 | 1.37 | 0.96 | 1.30 | 1.76 |
| DAYS | 31 | 28 | 31 | 30 | 19 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 353

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 3.98

HIGHEST STAGE WAS 10.42 AT 11:00 P.M. ON MAR 17.

LOWEST STAGE WAS 0.43 ON OCT 29.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT ALLIANCE, LA.

LOCATION. LAT. 29-41-07, LONG. 89-58-11. ON UPSTREAM END OF COKE DOCK OF GULF REFINERY, RIGHT BANK AT MILE 62.5 (STA. 0139004.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. BANKFULL STAGE. 7.0 FEET.

RECORDS AVAILABLE. STAGE. APR. 2, 1977 TO DATE.

EXTREMES. HIGHEST, 10.33 FEET ON APR. 22, 1979. LOWEST, MINUS 0.21 FOOT ON JAN. 19, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1984 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|--------|------|-------|------|------|-------|--------|--------|------|
| 1 | 6.21 | 4.11 | 5.10 | 6.80 | 6.42 | 2.37 | 2.16 | 1.88 | 2.27 | 2.61 | | 1.75 |
| 2 | 5.73 | 4.22 | 5.04 | 6.70 | 6.42 | 2.45 | 2.13 | 1.80 | 2.50 | 2.33 | | 1.68 |
| 3 | 5.57 | 4.01 | 5.15 | 6.54 | 6.28 | 2.55 | 2.22 | 1.98 | 2.55 | 1.90 | | 1.51 |
| 4 | 5.76 | 3.92 | 5.30 | 6.43 | 6.08 | 2.63 | 2.18 | 2.27 | 2.52 | 1.94 | | 1.60 |
| 5 | 5.47 | 3.99 | 5.62 | 6.18 | 5.74 | 2.78 | 2.26 | 2.45 | 2.69 | 1.43 F | 0.95 | 1.66 |
| 6 | 5.21 | 3.99 | 5.91 | 6.19 | 5.51 | 2.97 | 2.54 | 2.64 | 2.21 | 1.18 | 0.97 | 1.86 |
| 7 | 5.02 | 3.59 | 6.72 | 6.15 | 5.25 | 3.55 | 2.77 | 2.52 | 1.84 | 0.97 | 0.70 | 2.43 |
| 8 | 4.91 | 3.34 | 6.85 | 6.15 | 5.00 | 3.88 | 2.99 | 2.36 | 1.57 | 0.87 | 0.92 | 2.68 |
| 9 | 4.72 | 3.22 | 6.95 | 6.03 | 4.85 | 4.08 | 2.94 | 2.20 | 1.17 | 0.90 | 1.38 | 2.60 |
| 10 | 4.49 | 3.19 | 7.12 | 6.12 | 4.63 | 4.17 | 2.95 | 1.87 | 1.30 | 1.02 | 1.25 | 2.50 |
| 11 | 4.04 | 3.32 | 7.64 | 6.20 | 4.54 | 4.27 | 2.84 | 1.58 | 1.69 | 1.27 | 1.03 | 2.35 |
| 12 | 3.67 | 3.47 | 7.78 | 6.36 | 4.25 | 4.15 | 2.50 | 1.41 | 1.74 | 1.42 | 1.10 | 2.54 |
| 13 | 3.56 | 3.54 | 7.88 | 6.51 | 3.80 | 4.03 | 2.36 | 1.43 | 1.79 | 1.52 | 1.07 | 2.44 |
| 14 | 3.42 | 3.81 | 8.04 | 6.65 | | 3.90 | 2.21 | 1.40 | 1.99 | 1.58 | 1.45 F | 2.67 |
| 15 | 3.63 | 3.99 | 8.10 | 6.27 | | 3.75 | 2.36 | 1.49 | 1.93 | 1.76 | 1.58 | 2.44 |
| 16 | 3.72 | 4.31 | 8.15 | 6.12 | | 3.54 | 2.61 | 1.71 | 2.16 | 1.65 | 1.97 | 1.82 |
| 17 | 3.67 | 4.13 | 8.35 | 5.98 | | 3.40 | 2.86 | 1.68 | 2.27 | 1.54 | 1.48 | 1.40 |
| 18 | 4.07 | 3.93 | 8.44 | 5.79 | | 3.34 | 3.05 | 1.80 | 2.17 | 1.42 | 1.56 | 1.32 |
| 19 | 3.92 | 3.89 | 8.25 | 5.65 | | 3.13 | 3.37 | 1.73 | 2.17 | 1.39 | 1.43 | 1.39 |
| 20 | 3.77 | 3.89 | 7.99 | 5.65 F | 3.66 | 3.20 | 3.60 | 1.80 | 2.00 | 1.27 | 1.35 | 1.66 |
| 21 | 3.68 | 4.11 | 7.75 | 5.60 F | 2.70 | 3.31 | 3.70 | 1.66 | 1.88 | 1.03 | 1.20 | 1.90 |
| 22 | 3.70 | 4.17 | 7.54 | 5.65 | 2.39 | 3.37 | 3.55 | 1.65 | 1.58 | 1.17 | 1.47 | 2.22 |
| 23 | 3.07 | 3.92 | 7.54 | 5.95 | 2.49 | 3.40 | 3.54 | 1.52 | 1.65 | 0.85 | 2.00 | 2.48 |
| 24 | 2.82 | 4.22 | 7.67 | 6.15 | 2.55 | 3.15 | 3.48 | 1.53 | 1.41 | 0.84 | 2.42 | 2.77 |
| 25 | 3.05 | 4.35 | 7.54 | 6.38 | 2.66 | 2.86 | 3.32 | 1.48 | 1.42 | 0.84 | 2.58 | 2.97 |
| 26 | 2.69 | 4.77 | 7.50 | 6.50 | 2.70 | 2.74 | 3.19 | 1.34 | 1.41 | 1.19 | 2.70 | 3.04 |
| 27 | 2.71 | 4.77 | 7.50 | 6.59 | 2.64 | 2.57 | 3.03 | 1.20 | 1.56 | 1.40 | 2.66 | 3.05 |
| 28 | 2.91 | 5.27 | 7.57 | 6.55 | 2.60 | 2.47 | 2.93 | 1.33 | 1.81 | 1.68 | 2.65 | 3.00 |
| 29 | 3.22 | ----- | 7.44 | 6.58 | 2.52 | 2.36 | 2.51 | 1.40 | 1.86 | | 2.28 | 3.36 |
| 30 | 3.66 | ----- | 7.35 | 6.47 | 2.45 | 2.19 | 2.37 | 1.68 | 2.38 | | 1.94 | 4.25 |
| 31 | 3.79 | ----- | 6.95 | ----- | 2.40 | ----- | 1.93 | 1.88 | ----- | | ----- | 4.96 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.06 | 3.98 | 7.18 | 6.23 | 4.02 | 3.22 | 2.79 | 1.76 | 1.92 | 1.39 | 1.62 | 2.40 |
| MAX | 6.21 | 5.27 | 8.44 | 6.80 | 6.42 | 4.27 | 3.70 | 2.64 | 2.69 | 2.61 | 2.70 | 4.96 |
| MIN | 2.69 | 3.19 | 5.04 | 5.60 | 2.39 | 2.19 | 1.93 | 1.20 | 1.17 | 0.84 | 0.70 | 1.32 |
| DAYS | 31 | 28 | 31 | 30 | 25 | 30 | 31 | 31 | 30 | 28 | 26 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 3.40.

HIGHEST STAGE WAS 8.80 AT 11:00 P.M. ON MAR 17

LOWEST STAGE WAS 0.33 ON NOV 12.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT WEST POINTE A LA HACHE, LA.

LOCATION. LAT. 29-34-16, LONG. 89-47-49. NEAR FERRY LANDING ON RIGHT BANK, AND AT MILE 48.7.
(STA. 0140004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,940 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 3.0 FEET. LOW WATER REFERENCE PLANE, 0.06 FOOT ON GAGE. ON MAY 3, 1974 GAGE WAS RAISED 1.00 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 2 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS MINUS 0.06 FOOT, NGVD.

RECORDS AVAILABLE. STAGE, FEB. 24, 1926, TO DATE. GAGE PRIOR TO OCT. 17, 1929, WAS ON OPPOSITE BANK. DISCHARGE, 1927, 1929, AND 1943.

EXTREMES. HIGHEST, 15.25 FEET (NEAR CREST OF HURRICANE) ON SEP. 9, 1965. LOWEST, MINUS 1.06 FEET ON JAN. 24 AND 25, 1940. EXTREME STAGES HAVE BEEN ADJUSTED TO NGVD. MAXIMUM, 1,360,000 CFS OBSERVED ABOVE RELIEF OUTLET ON APR. 29, 1927 (STAGE, 9.64 NGVD) ON THE SAME DAY, 1,058,000 CFS WAS OBSERVED BELOW THE OUTLET. THE RELIEF OUTLET, ON THE EAST BANK, EXTENDED FROM ABOUT MILE 33 TO MILE 44. FLOW WAS AFFECTED BY A CREVASSE WHICH OCCURRED ON APR. 23 AT JUNIOR, LA. (MILE 54), AND BY AN ARTIFICIAL CREVASSE MADE ON APR. 29 AT CAERNARVON, LA. (MILE 81.6)

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1984 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.32 | 3.48 | 4.42 | 5.60 | 5.43 | 2.15 | 1.89 | 1.75 | 2.20 | 2.55 | 1.40 | 1.48 |
| 2 | 4.87 | 3.65 | 4.44 | 5.54 | 5.40 | 2.20 | 1.89 | 1.70 | 2.42 | 2.26 | 1.23 | 1.35 |
| 3 | 4.80 | 3.46 | 4.51 | 5.37 | 5.35 | 2.27 | 1.95 | 1.91 | 2.44 | 1.85 | 1.33 | 1.14 |
| 4 | 5.03 | 3.44 | 4.68 | 5.29 | 5.18 | 2.36 | 1.90 | 2.13 | 2.45 | 1.88 | 1.45 | 1.20 |
| 5 | 4.72 | 3.55 | 4.90 | 5.09 | 4.86 | 2.50 | 1.97 | 2.31 | 2.65 | 1.35 | 1.01 | 1.25 |
| 6 | 4.45 | 3.53 | 5.14 | 5.10 | 4.67 | 2.68 | 2.27 | 2.49 | 2.20 | 1.11 | 1.07 | 1.44 |
| 7 | 4.33 | 3.14 | 5.95 | 5.07 | 4.45 | 3.23 | 2.45 | 2.40 | 1.80 | 0.87 | 0.93 | 1.95 |
| 8 | 4.20 | 2.83 | 5.95 | 5.06 | 4.25 | 3.54 | 2.74 | 2.24 | 1.47 | 0.70 | 1.06 | 2.26 |
| 9 | 4.03 | 2.73 | 6.00 | 5.09 | 4.15 | 3.70 | 2.67 | 2.11 | 1.00 | 0.72 | 1.53 | 2.17 |
| 10 | 3.84 | 2.65 | 6.10 | 5.15 | 4.00 | 3.77 | 2.70 | 1.80 | 1.03 | 0.88 | 1.33 | 2.10 |
| 11 | 3.40 | 2.77 | 6.25 | 5.25 | 3.96 | 3.88 | 2.52 | 1.45 | 1.42 | 1.16 | 1.06 | 1.95 |
| 12 | 3.09 | 2.90 | 6.35 | 5.40 | 3.73 | 3.78 | 2.29 | 1.20 | 1.45 | 1.35 | 1.06 | 2.14 |
| 13 | 2.98 | 2.99 | 6.42 | 5.54 | 3.58 | 3.64 | 2.06 | 1.20 | 1.55 | 1.44 | 0.96 | 2.08 |
| 14 | 2.85 | 3.21 | 6.55 | 5.69 | 3.22 | 3.48 | 1.90 | 1.19 | 1.76 | 1.49 | 1.35 | 2.28 |
| 15 | 3.05 | 3.43 | 6.65 | 5.35 | 2.87 | 3.32 | 2.01 | 1.28 | 1.74 | 1.66 | 1.48 | 2.00 |
| 16 | 3.25 | 3.73 | 6.75 | 5.24 | 2.78 | 3.10 | 2.23 | 1.51 | 2.00 | 1.55 | 1.83 | 1.50 |
| 17 | 3.13 | 3.60 | 6.90 | 5.12 | 2.66 | 2.94 | 2.44 | 1.50 | 2.19 | 1.45 | 1.38 | 1.03 |
| 18 | 3.54 | 3.39 | 7.02 | 4.92 | 2.48 | 2.86 | 2.64 | 1.61 | 2.13 | 1.31 | 1.48 | 0.93 |
| 19 | 3.30 | 3.36 | 6.94 | 4.75 | 2.40 | 2.65 | 2.99 | 1.59 | 2.11 | 1.30 | 1.28 | 0.96 |
| 20 | 3.24 | 3.34 | 6.65 | 4.74 | 2.29 | 2.76 | 3.24 | 1.71 | 2.03 | 1.17 | 1.15 | 1.10 |
| 21 | 3.24 | 3.60 | 6.45 | 4.69 | 2.28 | 2.92 | 3.34 | 1.60 | 1.90 | 0.96 | 0.92 | 1.33 |
| 22 | 3.22 | 3.74 | 6.28 | 4.73 | 2.10 | 3.05 | 3.20 | 1.57 | 1.57 | 1.07 | 1.14 | 1.67 |
| 23 | 2.62 | 3.36 | 6.20 | 5.00 | 2.26 | 3.07 | 3.20 | 1.45 | 1.64 | 0.71 | 1.60 | 1.92 |
| 24 | 2.40 | 3.62 | 6.35 | 5.19 | 2.34 | 2.94 | 3.04 | 1.46 | 1.31 | 0.70 | 2.02 | 2.25 |
| 25 | 2.61 | 3.64 | 6.24 | 5.40 | 2.48 | 2.75 | 2.84 | 1.38 | 1.27 | 0.69 | 2.23 | 2.45 |
| 26 | 2.23 | 4.00 | 6.23 | 5.50 | 2.55 | 2.55 | 2.65 | 1.24 | 1.24 | 1.06 | 2.40 | 2.54 |
| 27 | 2.18 | 4.08 | 6.25 | 5.60 | 2.60 | 2.47 | 2.40 | 1.08 | 1.35 | 1.27 | 2.42 | 2.57 |
| 28 | 2.36 | 4.50 | 6.34 | 5.59 | 2.56 | 2.40 | 2.25 | 1.20 | 1.61 | 1.56 | 2.47 | 2.53 |
| 29 | 2.66 | ----- | 6.20 | 5.55 | 2.44 | 2.23 | 2.10 | 1.24 | 1.67 | 1.41 | 2.07 | 2.78 |
| 30 | 3.08 | ----- | 6.20 | 5.50 | 2.34 | 2.00 | 2.05 | 1.57 | 2.24 | 1.42 | 1.72 | 3.55 |
| 31 | 3.19 | ----- | 5.79 | ----- | 2.24 | ----- | 1.77 | 1.82 | ----- | 1.58 | ----- | 4.28 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 3.46 | 3.42 | 6.04 | 5.24 | 3.35 | 2.91 | 2.44 | 1.64 | 1.79 | 1.31 | 1.48 | 1.94 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MAX | 5.32 | 4.50 | 7.02 | 5.69 | 5.43 | 3.88 | 3.34 | 2.49 | 2.65 | 2.55 | 2.47 | 4.28 |
| MIN | 2.18 | 2.65 | 4.42 | 4.69 | 2.10 | 2.00 | 1.77 | 1.08 | 1.00 | 0.69 | 0.92 | 0.93 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
THE MEAN STAGE FOR THE YEAR WAS 2.91.
HIGHEST STAGE WAS 7.47 AT 11.00 P.M. ON MAR 17.
LOWEST STAGE WAS 0.17 ON OCT 29.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT PORT SULPHUR, LA

LOCATION: LAT. 29-28-38, LONG 89-41-22 MILE 39.3, ON RIGHT BANK AT FREEPORT SULPHUR COMPANY.
(STA 0142004.)

GAGE AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION BANKFULL STAGE, 3.0 FEET PRIOR TO 1977 STAGES WERE PUBLISHED AS RECEIVED FROM FREEPORT SULPHUR COMPANY.

RECORDS AVAILABLE. STAGE, NOV. 22, 1933, TO OCT. 10, 1937, NOV. 10 TO 19, 1939, AND AUG. 1, 1940, TO DATE.

EXTREMES (FROM 1941 TO DATE) HIGHEST, 9.50 FEET ON MAR. 4 AND LATER DATES IN 1950. LOWEST, MINUS 0.60 FOOT ON JAN. 19, 1977

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1971 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|-----|-------|------|------|-------|------|-------|------|
| 1 | 4.93 | 3.35 | 4.03 | 5.11 | | | 1.90 | 1.56 | 2.21 | 2.62 | 1.69 | 1.55 |
| 2 | 4.54 | 3.55 | 4.02 | 5.05 | | | 1.87 | 1.54 | 2.37 | 2.40 | 1.49 | 1.36 |
| 3 | 4.50 | 3.35 | 4.15 | 4.90 | | | 1.92 | 1.75 | 2.52 | 2.09 | 1.59 | 1.19 |
| 4 | 4.78 | 3.35 | 4.27 | 4.77 | | 2.18 | 1.84 | 1.99 | 2.62 | 2.16 | 1.69 | 1.26 |
| 5 | 4.53 | 3.50 | 4.43 | 4.56 | | 2.30 | 1.92 | 2.16 | 2.84 | 1.61 | 1.17 | 1.23 |
| 6 | 4.32 | 3.45 | 4.60 | 4.57 | | 2.46 | 2.24 | 2.33 | 2.46 | 1.36 | 0.84 | 1.43 |
| 7 | 4.13 | 3.05 | 5.37 | 4.58 | | 2.98 | 2.42 | 2.31 | 2.08 | 1.07 | 0.81 | 1.94 |
| 8 | 4.03 | 2.77 | 5.37 | 4.56 | | 3.29 | 2.70 | 2.15 | 1.74 | 0.84 | 1.01 | 2.24 |
| 9 | 3.87 | 2.63 | 5.40 | 4.49 | | 3.41 | 2.69 | 1.99 | 1.12 | 0.84 | 1.51 | 2.18 |
| 10 | 3.72 | 2.57 | 5.45 | 4.60 | | 3.55 | 2.77 | 1.74 | 1.11 | 0.95 | 1.30 | 2.12 |
| 11 | 3.28 | 2.67 | 5.54 | 4.60 | | 3.67 | 2.66 | 1.41 | 1.41 | 1.23 | 0.92 | 2.01 |
| 12 | | 2.82 | 5.60 | 4.80 | | 3.59 | 2.40 | 1.06 | 1.43 | 1.42 | 0.96 | 2.22 |
| 13 | 2.83 | 2.87 | 5.67 | 5.00 | | 3.46 | 2.15 | 1.02 | 1.52 | 1.53 | 0.90 | 1.90 |
| 14 | 2.77 | 3.10 | 5.83 | 5.20 | | 3.27 | 1.92 | 1.01 | 1.76 | 1.66 | 1.41 | 2.34 |
| 15 | 3.80 | 3.33 | 5.97 | 4.80 | | 3.11 | 1.91 | 1.11 | 1.79 | 1.82 | 1.57 | 2.06 |
| 16 | 3.15 | 3.62 | 6.09 | 4.70 | | 2.88 | 2.11 | 1.33 | 2.05 | 1.75 | 1.95 | 1.38 |
| 17 | 3.08 | 3.48 | 6.25 | 4.60 | | 2.69 | 2.29 | 1.35 | 2.25 | 1.65 | 1.39 | 1.00 |
| 18 | 3.42 | 3.32 | 6.45 | 4.40 | | 2.61 | 2.47 | 1.50 | 2.22 | 1.57 | 1.18 | 0.98 |
| 19 | 3.20 | 3.25 | 6.33 | 4.20 | | 2.44 | 2.88 | 1.66 | 2.20 | 1.55 | 1.00 | 1.04 |
| 20 | 3.18 | 3.23 | 6.08 | 4.20 | | 2.55 | 3.11 | 1.77 | 2.15 | 1.42 | 0.94 | 1.05 |
| 21 | 3.22 | 3.50 | 5.88 | 4.20 | | 2.74 | 3.23 | 1.72 | 2.03 | 1.20 | 0.49 | 1.28 |
| 22 | 3.20 | 3.60 | 5.70 | 4.20 | | 2.87 | 3.12 | 1.72 | 1.72 | 1.29 | 0.89 | 1.71 |
| 23 | 2.56 | 3.17 | 5.62 | | | 2.91 | 3.19 | 1.60 | 1.76 | 0.96 | 1.57 | 1.96 |
| 24 | 2.35 | 3.43 | 5.76 | | | 2.83 | 3.05 | 1.55 | 1.41 | 0.89 | 1.93 | 2.33 |
| 25 | 2.60 | 3.60 | 5.61 | | | 2.66 | 2.82 | 1.54 | 1.31 | 0.83 | 2.23 | 2.55 |
| 26 | 2.20 | 3.65 | 5.59 | | | 2.47 | 2.64 | 1.37 | 1.34 | 1.23 | 2.43 | 2.63 |
| 27 | 2.10 | 3.70 | 5.66 | | | 2.42 | 2.42 | 1.17 | 1.38 | 1.36 | 2.39 | 2.66 |
| 28 | 2.28 | 4.05 | 5.76 | | | 2.35 | 2.27 | 1.23 | 1.65 | 1.74 | 2.52 | 2.51 |
| 29 | 2.55 | ----- | 5.66 | | | 2.14 | 1.89 | 1.25 | 1.76 | 1.63 | 1.95 | 2.47 |
| 30 | 2.92 | ----- | 5.70 | | | 1.93 | 1.87 | 1.55 | 2.31 | 1.65 | 1.80 | 3.11 |
| 31 | 3.05 | ----- | 5.27 | ----- | | ----- | 1.57 | 1.77 | ----- | 1.82 | ----- | 3.87 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|---|------|------|------|------|------|------|------|
| MEAN | 3.37 | 3.28 | 5.46 | 4.64 | | 2.81 | 2.39 | 1.59 | 1.88 | 1.49 | 1.45 | 1.92 |
| MAX | 4.93 | 4.05 | 6.45 | 5.20 | | 3.67 | 3.23 | 2.33 | 2.84 | 2.62 | 2.52 | 3.87 |
| MIN | 2.10 | 2.57 | 4.02 | 4.20 | | 1.93 | 1.57 | 1.01 | 1.11 | 0.83 | 0.49 | 0.98 |
| DAYS | 30 | 28 | 31 | 22 | 0 | 27 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 322

THE MEAN STAGE FOR THE YEAR WAS 2.70

HIGHEST STAGE WAS 6.70 AT MIDNIGHT ON MAR 17

LOWEST STAGE WAS 0.00 ON NOV 10.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT EMPIRE, LA.

LOCATION. LAT. 29-23-25, LONG. 89-35-45. AT ENTRANCE TO EMPIRE LOCK AT MILE 29.5. (STA. 0144004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, (REVISED) 1,125,960 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, ONE FOOT. LOW WATER REFERENCE PLANE, MINUS 0.21 FOOT ON GAGE. ON FEB. 2, 1974 GAGE WAS RAISED 1.10 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU FEB. 1 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. JAN. 1, 1960 TO AUG. 17, 1969 AND JUL. 9, 1970 TO DATE.

EXTREMES. HIGHEST, 10.92 FEET, FROM WATERMARK LEFT BY HURRICANE OF AUG. 17, 1969. LOWEST, MINUS 1.23 FOOT ON JAN. 19, 1981.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1984 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|--------|--------|------|
| 1 | 3.76 | 2.56 | 3.38 | 4.28 | 4.18 | 2.00 | 1.80 | 1.52 | 1.90 | 2.38 | 1.37 | 1.29 |
| 2 | 3.46 | 2.76 | 3.40 | 4.25 | 4.28 | 1.95 | 1.75 | 1.50 | 2.08 | 2.10 | 1.17 | 1.12 |
| 3 | 3.46 | 2.61 | 3.50 | 4.15 | 4.20 | 1.98 | 1.70 | 1.77 | 2.37 | 1.85 | 1.30 | 0.91 |
| 4 | 3.76 | 2.66 | 3.60 | 4.00 | 4.00 | 2.00 | 1.65 | 2.00 | 2.52 | 1.87 | 1.43 | 0.93 |
| 5 | 3.55 | 2.86 | 3.65 | 3.78 | 3.75 | 2.15 | 1.75 | 2.18 | 2.75 | 1.29 | 0.97 | 1.00 |
| 6 | 3.34 | 2.76 | 3.87 | 3.80 | 3.55 | 2.28 | 2.08 | 2.40 | 2.37 | 1.10 | 0.92 | 1.10 |
| 7 | 3.20 | 2.36 | 4.60 | 3.80 | 3.40 | 2.80 | 2.25 | 2.38 | 2.00 | 0.78 | 0.60 F | 1.30 |
| 8 | 3.10 | 2.01 | 4.44 | 3.80 | 3.23 | 3.10 | 2.60 | 2.30 | 1.66 | 0.50 | 0.70 | 2.00 |
| 9 | 2.98 | 1.90 | 4.40 | 3.72 | 3.23 | 3.15 | 2.55 | 2.23 | 1.03 | 0.43 | 1.25 | 1.95 |
| 10 | 2.81 | 1.81 | 4.45 | 3.80 | 3.12 | 3.30 | 2.64 | 1.95 | 0.89 | 0.50 | 1.02 | 1.85 |
| 11 | 2.36 | 1.91 | 4.70 | 3.90 | 3.18 | 3.45 | 2.52 | 1.58 | 1.08 | 0.80 | 0.88 | 1.75 |
| 12 | 2.06 | 2.01 | 4.74 | 4.05 | 3.04 | 3.35 | 2.23 | 1.16 | 0.91 | 0.99 | 0.90 | 1.90 |
| 13 | 2.01 | 2.04 | 4.80 | 4.35 | 2.98 | 3.20 | 1.95 | 1.05 | 1.10 | 1.28 | 0.84 | 1.85 |
| 14 | 2.01 | 2.31 | 4.95 | 4.45 | 2.75 | 3.10 | 1.70 | 0.98 | 1.35 | 1.34 | 1.22 | 2.05 |
| 15 | 2.11 | 2.56 | 5.05 | 4.08 | 2.45 | 2.88 | 1.70 | 1.01 | 1.42 | 1.51 | 1.38 | 1.75 |
| 16 | 2.46 | 2.81 | 5.18 | 4.02 | 2.45 | 2.60 | 1.85 | 1.28 | 1.79 | 1.40 | 1.80 | 1.35 |
| 17 | 2.26 | 2.66 | 5.40 | 3.98 | 2.30 | 2.40 | 2.00 | 1.32 | 2.01 | 1.35 | 0.87 | 0.87 |
| 18 | 2.66 | 2.56 | 5.45 | 3.82 | 2.05 | 2.30 | 2.18 | 1.51 | 1.98 | 1.24 F | 1.68 | 0.76 |
| 19 | 2.41 | 2.46 | 5.38 | 3.53 | 1.95 | 2.10 | 2.56 | 1.49 | 1.98 | 1.25 | 1.12 | 0.85 |
| 20 | 2.41 | 2.41 | 5.20 | 3.60 | 1.85 | 2.28 | 2.87 | 1.67 | 1.95 | 1.15 | 0.87 | 0.75 |
| 21 | 2.51 | 2.62 | 4.98 | 3.40 | 1.95 | 2.49 | 3.00 | 1.59 | 1.78 | 1.00 | 0.62 | 0.88 |
| 22 | 2.46 | 2.76 | 4.85 | 3.50 | 1.75 | 2.68 | 2.90 | 1.58 | 1.48 | 1.03 | 0.70 | 1.43 |
| 23 | 1.86 | 2.11 | 4.74 | 3.70 | 2.00 | 2.73 | 3.01 | 1.58 | 1.55 | 0.68 | 1.18 | 1.60 |
| 24 | 1.71 | 2.56 | 4.78 | 3.85 | 2.10 | 2.65 | 2.83 | 1.55 | 1.12 | 0.59 | 1.42 | 1.91 |
| 25 | 1.96 | 2.70 | 4.70 | 4.10 | 2.30 | 2.50 | 2.65 | 1.47 | 1.03 | 0.50 | 1.70 | 2.07 |
| 26 | 1.51 | 3.00 | 4.68 | 4.20 | 2.40 | 2.35 | 2.48 | 1.21 | 0.98 | 0.85 | 2.00 | 2.10 |
| 27 | 1.36 | 3.10 | 4.70 | 4.30 | 2.45 | 2.35 | 2.25 | 1.02 | 0.99 | 1.28 | 2.09 | 2.19 |
| 28 | 1.46 | 3.50 | 4.82 | 4.28 | 2.50 | 2.25 | 2.08 | 1.05 | 1.45 | 1.58 | 2.20 | 2.10 |
| 29 | 1.76 | ----- | 4.75 | 4.30 | 2.40 | 2.10 | 1.80 | 1.03 | 1.40 | 1.35 | 1.91 | 2.20 |
| 30 | 2.06 | ----- | 4.75 | 4.22 | 2.25 | 1.85 | 1.80 | 1.23 | 2.07 | 1.36 | 1.60 | 2.78 |
| 31 | 2.26 | ----- | 4.35 | ----- | 2.10 | ----- | 1.49 | 1.50 | ----- | 1.52 | ----- | 3.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.49 | 2.51 | 4.59 | 3.97 | 2.78 | 2.54 | 2.21 | 1.55 | 1.63 | 1.19 | 1.27 | 1.61 |
| MAX | 3.76 | 3.50 | 5.45 | 4.45 | 4.28 | 3.45 | 3.01 | 2.40 | 2.75 | 2.38 | 2.20 | 3.20 |
| MIN | 1.36 | 1.81 | 3.38 | 3.40 | 1.75 | 1.85 | 1.49 | 0.98 | 0.89 | 0.43 | 0.60 | 0.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.36.

HIGHEST STAGE WAS 5.78 AT 11 15 P. M. ON MAR 17

LOWEST STAGE WAS 0.17 ON AUG 20.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER AT VENICE, LA.

LOCATION: LAT. 29-16-33, LONG. 89-21-10. ON RIGHT BANK AT MILE 10 7 (STA. 0148004)

GAGE: AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION: BANKFULL STAGE, 1.0 FOOT. LOW WATER REFERENCE PLANE, MINUS 0.36 FOOT ON GAGE. ON JAN. 31, 1974 GAGE WAS RAISED 1.56 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU JAN. 30 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE: STAGE, FEB. 1944 TO DATE.

EXTREMES: HIGHEST, 9.11 FEET, FROM WATERMARK LEFT BY HURRICANE OF AUG. 17, 1969. LOWEST, MINUS 0.73 FOOT ON JAN. 19, 1977.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1984 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.39 | 1.74 | 2.21 | 2.69 | 2.66 | 1.61 | 1.64 | 1.39 | 1.93 | 1.94 | 1.29 | 1.05 |
| 2 | 2.09 | 1.99 | 2.16 | 2.69 | 2.70 | 1.55 | 1.57 | 1.40 | 2.10 | 1.94 | 1.31 | 0.85 |
| 3 | 2.18 | 1.77 | 2.22 | 2.59 | 2.70 | 1.54 | 1.56 | 1.63 | 2.33 | 1.65 | 1.40 | 0.60 |
| 4 | 2.72 | 1.81 | 2.29 | 2.43 | 2.55 | 1.57 | 1.48 | 1.85 | 2.57 | 1.77 | 1.50 | 0.66 |
| 5 | 2.37 | 1.94 | 2.34 | 2.27 | 2.29 | 1.64 | 1.55 | 1.08 | 2.74 | 1.37 | 0.86 | 0.67 |
| 6 | 2.17 | 1.86 | 2.39 | 2.29 | 2.23 | 1.77 | 1.90 | 2.20 | 2.48 | 1.12 | 0.75 | 0.86 |
| 7 | 2.02 | 1.53 | 2.93 | 2.29 | 2.16 | 2.22 | 2.23 | 2.24 | 2.07 | 0.77 | 0.44 | 1.34 |
| 8 | 1.96 | 1.20 | 2.83 | 2.29 | 2.04 | 2.46 | 2.45 | 2.18 | 1.77 | 0.49 | 0.45 | 1.48 |
| 9 | 1.88 | 1.10 | 2.71 | 2.21 | 2.15 | 2.54 | 2.44 | 2.19 | 1.13 | 0.42 | 0.95 | 1.42 |
| 10 | 1.79 | 0.99 | 2.69 | 2.27 | 2.13 | 2.70 | 2.65 | 1.85 | 0.94 | 0.46 | 0.61 | 1.38 |
| 11 | 1.45 | 1.04 | 2.87 | 2.41 | 2.29 | 2.93 | 2.60 | 1.49 | 1.09 | 0.74 | 0.41 | 1.25 |
| 12 | 1.21 | 1.15 | 2.87 | 2.47 | 2.29 | 2.96 | 2.35 | 1.06 | 1.11 | 0.91 | 0.45 | 1.50 |
| 13 | 1.20 | 1.21 | 2.93 | 2.86 | 2.36 | 2.70 | 2.07 | 0.92 | 1.14 | 1.10 | 0.45 | 1.42 |
| 14 | 1.22 | 1.43 | 3.04 | 2.94 | 2.29 | 2.50 | 1.60 | 0.84 | 1.36 | 1.17 | 0.89 | 1.65 |
| 15 | 1.37 | 1.64 | 3.16 | 2.72 | 2.03 | 2.22 | 1.46 | 0.87 | 1.35 | 1.40 | 1.19 | 1.43 |
| 16 | 1.66 | 1.95 | 3.24 | 2.72 | 2.04 | 1.90 | 1.53 | 1.10 | 1.66 | 1.32 | 1.69 | 0.97 |
| 17 | 1.54 | 1.76 | 3.43 | 2.65 | 1.86 | 1.77 | 1.57 | 1.18 | 1.87 | 1.25 | 1.21 | 0.49 |
| 18 | 1.94 | 1.64 | | 2.39 | 1.62 | 1.80 | 1.75 | 1.45 | 1.93 | 1.21 | 1.40 | 0.43 |
| 19 | 1.69 | 1.56 | | 2.21 | 1.56 | 1.62 | 2.18 | 1.46 | 1.92 | 1.20 | 0.97 | 0.41 |
| 20 | 1.64 | 1.62 | | 2.15 | 1.41 | 1.85 | 2.49 | 1.62 | 1.85 | 1.10 | 0.70 | 0.54 |
| 21 | 1.69 | 1.89 | | 2.07 | 1.49 | 2.08 | 2.63 | 1.62 | 1.76 | 0.80 | 0.45 | 0.64 |
| 22 | 1.75 | 2.14 | | 2.03 | 1.35 | 2.32 | 2.58 | 1.61 | 1.46 | 0.85 | 0.55 | 0.85 |
| 23 | 1.25 | 1.39 | | 2.19 | 1.62 | 2.35 | 2.68 | 1.63 | 1.50 | 0.52 | 0.90 | 1.06 |
| 24 | 1.14 | 1.56 | | 2.32 | 1.77 | 2.38 | 2.50 | 1.64 | 1.19 | 0.42 | 1.45 | 1.43 |
| 25 | 1.41 | 1.59 | | 2.54 | 2.00 | 2.34 | 2.30 | 1.52 | 1.06 | 0.26 | 1.75 | 1.60 |
| 26 | 0.94 | 1.88 | | 2.61 | 2.19 | 2.20 | 2.09 | 1.18 | 0.97 | 0.48 | 1.96 | 1.60 |
| 27 | 0.67 | 1.92 | 3.04 | 2.69 | 2.23 | 2.17 | 1.84 | 0.93 | 0.91 | 0.65 | 2.03 | 1.65 |
| 28 | 0.83 | 2.27 | 3.19 | 2.74 | 2.22 | 2.13 | 1.76 | 0.90 | 1.11 | 0.93 | 2.10 | 1.45 |
| 29 | 1.01 | ----- | 3.13 | 2.77 | 2.02 | 1.95 | 1.53 | 1.12 | 1.24 | 0.86 | 1.74 | 1.33 |
| 30 | 1.29 | ----- | 3.21 | 2.71 | 1.96 | 1.70 | 1.57 | 1.32 | 1.70 | 0.94 | 1.34 | 1.65 |
| 31 | 1.36 | ----- | 2.80 | ----- | 1.76 | ----- | 1.30 | 1.45 | ----- | 1.31 | ----- | 1.96 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.61 | 1.63 | 2.80 | 2.47 | 2.06 | 2.12 | 2.00 | 1.45 | 1.61 | 1.01 | 1.11 | 1.15 |
| MAX | 2.72 | 2.27 | 3.43 | 2.94 | 2.70 | 2.96 | 2.68 | 2.24 | 2.74 | 1.94 | 2.10 | 1.96 |
| MIN | 0.67 | 0.99 | 2.16 | 2.03 | 1.35 | 1.54 | 1.30 | 0.84 | 0.91 | 0.26 | 0.41 | 0.41 |
| DAYS | 31 | 28 | 22 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 356

THE MEAN STAGE FOR THE YEAR WAS 1.72

HIGHEST STAGE WAS 3.59 AT 5.30 P.M. ON MAR. 17.

LOWEST STAGE WAS 0.13 ON AUG. 8

DAILY STAGE FOR 1967

MISSISSIPPI RIVER AT HEAD OF PASSES (LA)

LOCATION LAT. 29-08-35, LONG. 89-15-03 ON RIGHT BANK AT HEAD OF SOUTH PASS, AND 0.6 MILE DOWN-
STREAM FROM ZERO MILE POINT (STA 0154504)

GAGE AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION DRAINAGE AREA, (REVISED) 1,125,970 SQUARE MILES (CONTRIBUTING) BANKFULL
STAGE, ONE FOOT LOW WATER REFERENCE PLANE, MINUS 0.36 FOOT ON GAGE.

RECORDS AVAILABLE STAGE, NOV. 1875, TO SEP. 16, 1947, AND MAR. 31, 1948, TO DATE. THE LOCATION
OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD. DISCHARGE, INTERMITTENTLY FROM
1838 TO DATE

EXTREMES (SINCE JULY, 1930) HIGHEST, 12.03 FEET, FROM WATERMARK LEFT BY HURRICANE OF AUG. 17,
1969 LOWEST, MINUS 0.85 FOOT ON FEB. 21, 1940.

DAILY EIGHT A M STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|------|-------|------|-------|------|------|-------|-------|-------|------|
| 1 | | F 1.00 | 1.60 | 2.05 | 1.94 | 1.38 | 1.27 | 1.00 | 1.53 | 1.30 | 0.52 | 1.52 |
| 2 | | F 1.30 | 1.60 | 2.03 | 2.04 | 1.25 | 1.22 | 1.00 | 1.73 | 1.20 | 0.97 | 1.55 |
| 3 | | F 1.27 | 1.75 | 2.00 | 2.05 | 1.20 | 1.23 | 1.27 | 1.90 | 1.10 | 1.48 | 1.70 |
| 4 | | 1.40 | 1.81 | 1.83 | 1.95 | 1.15 | 1.12 | 1.52 | 2.06 | 1.35 | 1.85 | 1.44 |
| 5 | | 1.64 | 1.90 | 1.65 | 1.60 | 1.22 | 1.15 | 1.74 | 2.35 | 1.08 | 1.32 | 1.44 |
| 6 | | 1.80 | 1.92 | 1.62 | 1.55 | 1.34 | 1.48 | 1.88 | 2.02 | 1.04 | 1.20 | 1.50 |
| 7 | F 1.47 | 1.20 | 2.50 | 1.68 | 1.45 | 1.79 | 1.80 | 1.93 | 1.64 | 0.63 | 0.90 | 1.80 |
| 8 | 1.35 | 0.77 | 2.35 | 1.65 | 1.35 | 2.06 | 2.10 | 1.86 | 1.18 | 0.35 | 0.92 | 1.59 |
| 9 | 1.33 | 0.64 | 2.20 | 1.55 | 1.50 | 2.12 | 2.07 | 1.68 | 0.57 | 0.10 | 1.15 | 1.34 |
| 10 | 1.18 | 0.56 | 2.00 | 1.64 | 1.47 | 2.27 | 2.26 | 1.45 | 0.38 | 0.24 | 0.40 | 1.10 |
| 11 | 0.80 | 0.64 | 2.20 | 1.64 | 1.73 | 2.47 | 2.30 | 1.07 | 0.60 | 0.09 | 0.30 | 1.15 |
| 12 | 0.56 | 0.56 | 2.15 | 1.67 | 1.75 | 2.50 | 2.10 | 0.65 | 0.60 | 0.16 | 0.08 | |
| 13 | 0.55 | 0.60 | 2.19 | 1.70 | 1.85 | 2.40 | 1.80 | 0.57 | 0.77 | 0.05 | 0.22 | |
| 14 | 0.55 | 0.85 | 2.31 | 2.30 | 1.85 | 2.15 | 1.31 | 0.53 | 1.03 | 0.13 | 0.46 | |
| 15 | 0.65 | 1.15 | 2.45 | 2.12 | 1.64 | 1.85 | 1.17 | 0.63 | 1.04 | 0.26 | 0.76 | |
| 16 | 1.00 | 1.36 | 2.63 | 2.10 | 1.68 | 1.47 | 1.08 | 0.87 | 1.28 | 0.25 | 1.40 | |
| 17 | 0.85 | 1.27 | 2.93 | 2.12 | 1.65 | 1.32 | 1.08 | 0.95 | 1.56 | 0.28 | 1.20 | |
| 18 | 1.23 | 1.18 | 3.10 | 1.95 | 1.34 | 1.24 | 1.26 | 1.06 | 1.58 | 0.40 | 1.60 | |
| 19 | 0.85 | 1.29 | 3.13 | 1.74 | 1.29 | 1.15 | 1.73 | 1.08 | 1.60 | 0.66 | 1.60 | |
| 20 | 0.99 | 1.28 | 2.99 | 1.65 | 1.06 | 1.43 | 2.06 | 1.25 | 1.53 | 0.78 | 1.32 | |
| 21 | 1.35 | 1.55 | 2.77 | 1.50 | 1.12 | 1.63 | 2.18 | 1.21 | 1.54 | 0.92 | 1.18 | |
| 22 | 1.31 | 1.90 | 2.70 | 1.44 | 0.96 | 1.90 | 2.14 | 1.24 | 1.18 | 0.95 | 1.22 | |
| 23 | 0.87 | 1.03 | 2.55 | 1.47 | 1.27 | 1.98 | 2.28 | 1.17 | 1.27 | 0.93 | 1.10 | |
| 24 | 0.80 | 1.30 | 2.60 | 1.63 | 1.45 | 2.05 | 2.17 | 1.20 | 0.85 | 1.02 | 1.12 | |
| 25 | 1.15 | 1.15 | 2.36 | 1.85 | 1.66 | 1.88 | 2.03 | 1.08 | 0.67 | 0.52 | 1.00 | |
| 26 | 0.50 | 1.31 | 2.35 | 1.90 | 1.85 | 1.74 | 1.85 | 0.88 | 0.51 | 0.57 | 1.08 | |
| 27 | 0.18 | 1.31 | 2.30 | 2.00 | 1.92 | 1.76 | 1.70 | 0.63 | 0.42 | 0.27 | 1.06 | |
| 28 | 0.19 | 1.70 | 2.50 | 2.04 | 1.93 | 1.77 | 1.50 | 0.65 | 0.60 | 0.15 | 1.00 | |
| 29 | 0.34 | ----- | 2.46 | 2.15 | 1.86 | 1.57 | 1.23 | 0.67 | 0.60 | -0.13 | 1.25 | |
| 30 | 0.52 | ----- | 2.60 | 2.05 | 1.72 | 1.36 | 1.24 | 0.86 | 1.13 | -0.10 | 1.43 | |
| 31 | 0.62 | ----- | 2.15 | ----- | 1.52 | ----- | 0.93 | 1.00 | ----- | 0.32 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| MEAN | 0.85 | 1.18 | 2.36 | 1.82 | 1.61 | 1.71 | 1.64 | 1.11 | 1.19 | 0.54 | 1.04 | 1.47 |
| MAX | 1.47 | 1.90 | 3.13 | 2.30 | 2.05 | 2.50 | 2.30 | 1.93 | 2.35 | 1.35 | 1.85 | 1.80 |
| MIN | 0.18 | 0.56 | 1.60 | 1.44 | 0.96 | 1.15 | 0.93 | 0.53 | 0.38 | -0.13 | 0.08 | 1.10 |
| DAYS | 25 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 11 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 339

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.38

HIGHEST STAGE WAS 3.34 AT 6 00 P M ON MAR 23

LOWEST STAGE WAS MINUS 0.18 ON AUG 18 AND LATER DATE(S)

DAILY STAGE FOR 1987

SOUTHWEST PASS AT MILE 9.2 (LA)

LOCATION. LAT 29-01-40. LONG 89-20-10 SURVEY TOWER ON LEFT BANK, 9.2 MILES BELOW HEAD OF
PASSES. (STA. 0157504)

GAGE AUTOMATIC RECORDER AND STAFF

GENERAL INFORMATION BANKFULL STAGE, 1.0 FOOT

RECORDS AVAILABLE NOV 1971 TO DATE.

EXTREMES HIGHEST, 4.94 FEET (AFFECTED BY WIND) ON APR. 26, 1973 LOWEST, MINUS 1.03 FEET ON JAN
19, 1977

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|-------|------|-------|------|-----|-------|------|-------|------|
| 1 | | 1.59 | 2.27 | 2.35 | 2.68 | 2.25 | 2.19 | | | 2.30 | 1.74 | 1.51 |
| 2 | | 1.97 | 1.92 | 2.28 | 2.67 | 2.04 | 2.01 | | | 2.20 | 1.83 | 1.26 |
| 3 | | 1.76 | 1.88 | 2.19 | 2.77 | 2.03 | 2.06 | | | 1.97 | 1.93 | 0.90 |
| 4 | | 1.83 | 1.74 | 1.87 | 2.71 | 2.01 | 1.87 | | | 2.31 | 2.10 | 0.80 |
| 5 | | 1.76 | 1.69 | 1.60 | 2.45 | 2.00 | 1.93 | | | 1.98 | 1.44 | 0.77 |
| 6 | | 1.84 | 1.87 | 1.92 | 2.37 | 2.11 | 2.24 | | | 1.73 | 1.07 | 1.06 |
| 7 | 1.82 | 1.51 | 2.57 | 1.89 | 2.29 | 2.57 | 2.55 | | | 1.25 | 0.84 | 1.54 |
| 8 | 1.57 | 1.03 | 2.48 | 1.84 | 2.36 | 2.85 | 2.91 | | | 0.92 | 0.92 | 2.04 |
| 9 | 1.47 | 0.74 | 2.15 | 1.80 | 2.57 | 2.97 | | | | 0.72 | 1.41 | 2.03 |
| 10 | 1.35 | 0.68 | 1.86 | 1.80 | 2.67 | 3.14 | | | | 0.71 | 1.19 | 1.98 |
| 11 | 0.91 | 0.72 | 2.04 | 1.91 | 2.88 | 3.36 | | | | 1.02 | 1.01 | 1.66 |
| 12 | 0.58 | 0.82 | 1.89 | 2.03 | 3.16 | 3.39 | | | | 1.13 | 1.01 | 1.88 |
| 13 | 0.77 | 0.98 | 1.90 | 2.24 | 3.23 | 3.32 | | | | 1.22 | 1.09 | 1.79 |
| 14 | 0.86 | 1.43 | 2.21 | 2.37 | 3.32 | 3.18 | | | | 1.37 | 1.53 | 2.04 |
| 15 | 1.11 | 1.76 | 2.45 | 2.35 | 3.21 | 2.80 | | | | 1.70 | 1.74 | 1.96 |
| 16 | 1.54 | 2.18 | 2.66 | 2.21 | 3.26 | 2.37 | | | | 1.72 | 2.13 | 1.49 |
| 17 | 1.52 | 1.86 | 3.06 | 1.97 | 3.24 | 2.12 | | | | 1.69 | 1.81 | 0.94 |
| 18 | 2.22 | 1.69 | 3.31 | | 2.93 | 2.03 | | | | 1.67 | 1.75 | 0.82 |
| 19 | 1.72 | 1.53 | 3.05 | | 2.84 | 1.88 | | | | 1.78 | 1.58 | 0.85 |
| 20 | 1.63 | 1.54 | 2.83 | | 2.56 | 2.11 | | | 2.34 | 1.70 | 1.15 | 0.87 |
| 21 | 1.79 | 1.69 | 2.37 | | 2.61 | 2.36 | | | 2.39 | 1.43 | 0.64 | 0.93 |
| 22 | 1.86 | 1.77 | 2.37 | | 2.35 | 2.66 | | | 2.05 | 1.45 | 0.54 | 1.38 |
| 23 | 1.21 | 0.85 | 2.68 | | 2.67 | 2.82 | | | 2.10 | 1.12 | 0.75 | 1.51 |
| 24 | 1.06 | 1.08 | 2.78 | | 2.86 | 2.87 | | | 1.74 | 1.00 | 1.07 | 1.61 |
| 25 | 1.33 | 1.28 | 2.74 | | 3.04 | 2.80 | | | 1.51 | 0.65 | 1.34 | 1.73 |
| 26 | 0.58 | 2.04 | 2.73 | | 3.27 | 2.69 | | | 1.36 | 0.82 | 1.74 | 1.76 |
| 27 | 0.12 | 2.17 | 2.74 | | 3.36 | 2.65 | | | 1.13 | 0.96 | 1.99 | 1.79 |
| 28 | 0.26 | 2.32 | 2.84 | | 2.78 | 2.67 | | | 1.35 | 1.24 | 2.25 | 1.80 |
| 29 | 0.47 | ----- | 2.79 F | 2.21 | 2.71 | 2.51 | | | 1.38 | 1.20 | 2.04 | |
| 30 | 0.81 | ----- | 3.00 | 2.65 | 2.61 | 2.25 | | | 1.80 | 1.34 | 1.83 | |
| 31 | 0.92 | ----- | 2.44 | ----- | 2.36 | ----- | | | ----- | 1.76 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|---|------|------|------|------|
| MEAN | 1.18 | 1.51 | 2.43 | 2.08 | 2.80 | 2.56 | 2.22 | | 1.74 | 1.42 | 1.45 | 1.45 |
| MAX | 2.22 | 2.32 | 3.31 | 2.65 | 3.36 | 3.39 | 2.91 | | 2.39 | 2.31 | 2.25 | 2.04 |
| MIN | 0.12 | 0.68 | 1.69 | 1.60 | 2.29 | 1.88 | 1.87 | | 1.13 | 0.65 | 0.54 | 0.77 |
| DAYS | 25 | 28 | 31 | 19 | 31 | 30 | 8 | 0 | 11 | 31 | 30 | 28 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 272

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.89

HIGHEST STAGE WAS 3.56 AT 3.00 P.M. ON MAR 7

LOWEST STAGE WAS 0.07 ON JAN 27

DAILY STAGE FOR 1987

MISSISSIPPI RIVER (SOUTHWEST PASS) AT EAST JETTY (LA.)

LOCATION LAT. 28-55-38, LONG. 89-29-12 ON RIGHT BANK, ABOUT 18.2 MILES BELOW HEAD OF PASSES
(STA. 0167004 INSET)

GAGE. AUTOMATIC RECORDER AND STAFF

GENERAL INFORMATION. BANKFULL STAGE, 1.0 FOOT PRIOR TO MAY 24, 1975. GAGE WAS LOCATED ON THE LEFT BANK APPROXIMATELY 1.4 MILES DOWNSTREAM FROM PRESENT LOCATION. ON OCT. 4, 1975 GAGE WAS RAISED 0.76 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU OCT. 3 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE 1926 TO NOV. 5, 1973, AND MAY 24, 1975 TO DATE

EXTREMES. HIGHEST, 5.59 FEET (CAUSED BY HURRICANE) ON OCT. 27, 1985. LOWEST, MINUS 1.60 ON JAN. 25, 1940.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|--------|--------|------|-------|------|
| 1 | 0.45 | 0.86 | 1.29 | 1.73 | 1.92 | 1.90 | 1.75 | | 1.34 | 1.67 | 1.44 | 1.16 |
| 2 | 0.11 | 1.24 | 1.20 | 1.72 | 2.04 | 1.72 | 1.50 | | 1.59 | 1.87 | 1.52 | 0.85 |
| 3 | 0.61 | 1.17 | 1.42 | 1.78 | 2.06 | 1.70 | 1.47 | | 1.93 | 1.60 | 1.64 | 0.46 |
| 4 | 1.28 | 1.42 | 1.48 | 1.57 | 2.00 | 1.60 | 1.29 | | 2.25 | 2.01 | 1.77 | 0.32 |
| 5 | 1.30 | 1.52 | 1.62 | 1.40 | 1.54 | 1.50 | 1.37 | | 2.71 | 1.70 | 1.26 | 0.18 |
| 6 | 1.23 | 1.82 | 1.49 | 1.39 | 1.43 | 1.64 | 1.66 | | 2.62 | 1.48 | 0.72 | 0.41 |
| 7 | 1.09 | 1.30 | 2.15 | 1.40 | 1.44 | 2.08 | 1.90 | | 2.29 F | 1.08 | 0.52 | 0.72 |
| 8 | 1.09 | 0.66 | 1.85 | 1.26 | 1.17 | 2.36 | 2.32 | | 1.85 | 0.57 | 0.57 | 1.12 |
| 9 | 1.08 | 0.35 | 1.53 | 1.08 | 1.52 | 2.44 | 2.37 | | 1.20 | 0.42 | 0.98 | 1.10 |
| 10 | 0.99 | 0.25 | 1.05 | 1.08 | 1.54 | 2.60 | | F | 1.40 | 0.40 | 0.71 | 1.17 |
| 11 | 0.41 | 0.17 | 1.11 | 1.28 | 1.88 | 2.83 | | | 1.90 | 0.67 | 0.64 | 1.03 |
| 12 | 0.05 | 0.15 | 0.91 | 1.38 | 2.02 | 2.93 | | F | 1.18 | 0.75 | 0.66 | 1.35 |
| 13 | 0.17 | 0.20 | 1.83 | 1.75 | 2.13 | 2.86 | | | 0.75 | 0.79 | 0.77 | 1.33 |
| 14 | 0.25 | 0.58 | 1.23 | 2.14 | 2.25 | 2.72 | | | 1.00 | 0.93 | 1.17 | 1.67 |
| 15 | 0.35 | 1.07 | 1.41 | 2.11 | 2.10 | 2.25 | | | 1.27 | 1.37 | 1.40 | 1.42 |
| 16 | 0.75 | 1.32 | 1.67 | 2.16 | 2.14 | 1.90 | | | 1.52 | 1.35 | 1.74 | 1.02 |
| 17 | 0.72 | 1.18 | 2.29 | 2.33 | 2.22 | 1.62 | | | 1.89 | 1.35 | 1.48 | 0.50 |
| 18 | 1.15 | 1.08 | 2.58 | 2.17 | 1.90 | 1.43 | | | 1.99 | 1.35 | 1.36 | 0.41 |
| 19 | 0.68 | 1.15 | 2.67 | 1.85 | 1.76 | 1.30 | | | 1.99 | 1.46 | 1.21 | 0.43 |
| 20 | 0.88 | 1.28 | 2.53 | 1.65 | 1.51 | 1.50 | | | 2.04 | 1.36 | 0.71 | 0.13 |
| 21 | 1.38 | 1.52 | 2.12 | 1.34 | 1.54 | 1.74 | | | 2.08 | 1.16 | 0.17 | 0.12 |
| 22 | 1.43 | 1.85 | 2.05 | 1.15 | 1.30 | 2.04 | | | 1.78 | 1.28 | 0.10 | 0.21 |
| 23 | 0.79 | 0.71 | 2.03 | 1.07 | 1.60 | 2.22 | | | 1.80 | 0.88 | 0.32 | 0.47 |
| 24 | 0.80 | 1.01 | 1.97 | 1.12 | 1.80 | 2.31 | F | 1.70 | 1.47 | 0.71 | 0.62 | 0.97 |
| 25 | 1.17 | 0.68 | 1.55 | 1.32 | 2.04 | 2.28 | | 1.82 | 1.25 | 0.31 | 0.91 | 1.25 |
| 26 | 0.39 | 0.80 | 1.70 | 1.48 | 2.25 | 2.18 | | 1.63 | 1.07 | 0.43 | 1.34 | 1.34 |
| 27 | -0.25 | 0.85 | 1.68 | 1.68 | 2.35 | 2.15 | | 1.31 F | 1.03 | 0.54 | 1.61 | 1.51 |
| 28 | -0.25 | 1.47 | 2.12 | 1.76 | 2.40 | 2.25 | | 1.16 | 1.02 | 0.89 | 1.86 | 1.27 |
| 29 | -0.10 | ----- | 2.07 | 1.89 | 2.36 | 2.08 | | 1.00 | 0.93 | 0.71 | 1.65 | 0.68 |
| 30 | 0.06 | ----- | 2.36 | 1.96 | 2.30 | 1.80 | | 1.00 | 1.38 | 0.94 | 1.45 | 0.68 |
| 31 | 0.15 | ----- | 1.75 | ----- | 2.08 | ----- | | 1.03 | ----- | 1.44 | ----- | 0.88 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 0.65 | 0.99 | 1.76 | 1.60 | 1.89 | 2.06 | 1.74 | 1.33 | 1.62 | 1.08 | 1.08 | 0.84 |
| MAX | 1.43 | 1.85 | 2.67 | 2.33 | 2.40 | 2.93 | 2.37 | 1.82 | 2.71 | 2.01 | 1.86 | 1.67 |
| MIN | -0.25 | 0.15 | 0.91 | 1.07 | 1.17 | 1.30 | 1.29 | 1.00 | 0.75 | 0.31 | 0.10 | 0.12 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 9 | 8 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 320

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.37

HIGHEST STAGE WAS 3.10 AT 1.30 P.M. ON MAR. 23

LOWEST STAGE WAS MINUS 0.61 ON JAN. 27

DAILY STAGE FOR 1987

SOUTH PASS AT PORT EADS, LA.

LOCATION. LAT. 29-00-53, LONG. 89-09-57 U. S. COAST GUARD WHARF, 11.0 MILES DOWNSTREAM FROM HEAD OF PASSES. (STA. 0185002.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. BANKFULL STAGE, 1.0 FOOT.

RECORDS AVAILABLE. STAGE, FEB. 15, 1939, TO DATE. PRIOR TO APR. 24, 1967, GAGE WAS LOCATED 2.2 MILES DOWNSTREAM AT MOUTH OF SOUTH PASS.

EXTREMES. HIGHEST, 5.50 FEET (CAUSED BY HURRICANE) ON SEP. 9, 1965. LOWEST, MINUS 1.87 FEET ON JULY 16, 1939.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|--------|-------|------|------|--------|------|--------|------|
| 1 | 0.70 | 0.79 | 1.19 | | F 1.72 | 1.85 | 1.71 | 1.28 | | 1.74 | 1.52 | 1.25 |
| 2 | 0.32 | 1.14 | 1.32 | | 1.63 | 1.60 | 1.98 | 1.20 | | 1.78 | 1.65 | 1.06 |
| 3 | 0.75 | 1.16 | 1.43 | | 1.65 | 1.57 | 1.42 | 1.46 | | 1.60 | 1.77 | 0.69 |
| 4 | 1.33 | 1.36 | 1.62 | | 1.56 | 1.45 | 1.31 | 1.74 | | 2.04 | 1.80 | 0.48 |
| 5 | 1.25 | 1.58 | 1.67 | | 1.13 | 1.50 | 1.38 | | | 1.70 | 1.10 | 0.40 |
| 6 | 1.10 | 1.60 | 1.60 | | 1.12 | 1.65 | 1.72 | | | 1.56 | 0.85 | 0.46 |
| 7 | 1.10 | 1.15 | 2.23 | | 1.15 | 2.10 | 2.07 | | | 1.07 | 0.59 | 0.93 |
| 8 | 1.04 | 0.69 | 1.70 | | 1.04 | 2.33 | 2.44 | | | 0.70 | 0.65 | 1.03 |
| 9 | 1.06 | 0.44 | 1.38 | | 1.38 | 2.27 | 2.43 | | | 0.46 | 1.19 | 0.94 |
| 10 | 0.90 | 0.28 | 1.08 | | 1.42 | 2.52 | 2.70 | | | 0.48 | 0.85 | 0.94 |
| 11 | 0.45 | 0.23 | 1.40 | | 1.80 | 2.80 | 2.70 | | | 0.68 | 0.61 | 0.84 |
| 12 | 0.06 | 0.20 | 1.23 | | 1.93 | 2.90 | 2.52 | | | 0.80 | 0.64 | 1.10 |
| 13 | 0.14 | 0.25 | 1.19 | | 2.08 | 2.88 | 2.14 | | | 0.85 | 0.76 | 1.30 |
| 14 | 0.30 | 0.60 | 1.30 | | 2.16 | 2.67 | 1.57 | | | 1.07 | 1.14 | 1.67 |
| 15 | 0.37 | 1.05 | 1.48 | | 2.00 | 2.22 | 1.34 | | | 1.40 | 1.48 | 1.35 |
| 16 | 0.85 | 1.23 | 1.82 | | 2.10 | 1.77 | 1.26 | | | 1.35 | 1.85 | 1.27 |
| 17 | 0.75 | 1.15 | 2.40 | | 2.10 | 1.45 | 1.23 | | | 1.44 | 1.56 | 0.80 |
| 18 | 1.12 | 1.09 | 2.60 | | 1.77 | 1.34 | 1.40 | | | 1.45 | 1.55 | 0.80 |
| 19 | 0.66 | 1.25 | 2.70 | | 1.64 | 1.18 | 1.93 | | F 1.38 | 1.54 | 1.17 | 1.00 |
| 20 | 0.88 | 1.28 | 2.47 | | 1.37 | 1.45 | 2.31 | | 2.04 | 1.48 | 0.80 F | 0.43 |
| 21 | 1.38 | 1.60 | 2.23 | | 1.45 | 1.67 | 2.40 | | 2.17 | 1.32 | 0.38 | |
| 22 | 1.27 | 1.80 | 2.09 | | 1.18 | 1.98 | 2.37 | | 1.85 | 1.20 | 0.17 | |
| 23 | 0.68 | 0.73 | 2.04 | | 1.58 | 2.24 | 2.58 | | 1.93 | 0.86 | 0.35 | |
| 24 | 0.60 | 1.20 | 2.04 | | 1.78 | 2.30 | 2.50 | | 1.50 | 0.78 | 0.60 | |
| 25 | 1.08 | 0.78 | 1.74 | | 1.98 | 2.29 | 2.36 | | 1.25 | 0.45 | 0.78 | |
| 26 | 0.30 | 0.95 | 1.74 | | 2.23 | 2.08 | 2.23 | | 1.05 | 0.57 | 1.12 | |
| 27 | -0.14 | 0.89 | 1.80 | | 2.38 | 2.23 | 2.14 | | 0.81 | 0.67 | 1.40 | |
| 28 | -0.27 | 1.46 | 2.00 | | 2.47 | 2.27 | 1.94 | | 1.00 | 0.90 | 1.56 | |
| 29 | -0.08 | ----- | 2.00 | | 2.35 | 2.08 | 1.62 | | 0.95 | 0.80 | 1.59 | |
| 30 | 0.09 | ----- | | | 2.28 | 1.84 | 1.53 | | 1.50 | 1.00 | 1.50 | |
| 31 | 0.23 | ----- | | ----- | 2.03 | ----- | 1.14 | | ----- | 1.45 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|---|------|------|------|------|------|------|------|------|
| MEAN | 0.65 | 1.00 | 1.78 | | 1.76 | 2.02 | 1.93 | 1.42 | 1.45 | 1.14 | 1.10 | 0.74 |
| MAX | 1.38 | 1.80 | 2.70 | | 2.47 | 2.90 | 2.70 | 1.74 | 2.17 | 2.04 | 1.85 | 1.67 |
| MIN | -0.27 | 0.20 | 1.08 | | 1.04 | 1.18 | 1.14 | 1.20 | 0.81 | 0.45 | 0.17 | 0.40 |
| DAYS | 31 | 28 | 29 | 0 | 31 | 30 | 31 | 4 | 12 | 31 | 30 | 20 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 277

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.39.

HIGHEST STAGE WAS 3.14 AT 6 00 P.M. ON MAR 23

LOWEST STAGE WAS MINUS 0.45 ON JAN 27.

DAILY STAGE FOR 1987

OLD RIVER INFLOW CHANNEL NEAR KNOX LANDING, LA.

LOCATION. LAT. 31-04-40. LONG. 91-35-49. STATE HIGHWAY 15 BRIDGE AT OLD RIVER CONTROL STRUCTURE, ABOUT A HALF MILE FROM HEAD OF CHANNEL. THE HEAD OF CHANNEL IS 314.6 MILES UPSTREAM ON MISSISSIPPI RIVER FROM HEAD OF PASSES. THE CHANNEL IS 7.7 MILES IN LENGTH AND JOINS WITH RED RIVER AT MILE 3.6 (STA. 0205011.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, ABOUT 1,124,700 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 51 FEET. THE MAIN CHANNEL STRUCTURE CONSISTS OF ELEVEN GATE BAYS, EACH WITH 44-FOOT CLEAR WIDTH BETWEEN PIERS. THE WEIR CREST ELEVATION IS TEN FEET ABOVE NGVD EXCEPT FOR THREE CENTER BAYS WHICH HAVE CREST ELEVATION OF FIVE FEET BELOW NGVD. THE OVERBANK STRUCTURE CONSISTS OF 73 GATE BAYS, EACH WITH 44-FOOT CLEAR WIDTH BETWEEN PIERS. THE WEIR CREST ELEVATION IS 52.0 FEET, NGVD. THE TOP ELEVATION OF ALL GATE BAYS IS 67.0 FEET, NGVD. THE MAXIMUM DISCHARGE CAPACITY FOR BOTH STRUCTURES IS ABOUT 700,000 CFS.

RECORDS AVAILABLE. STAGE, APR. 3, 1961, TO DATE.

EXTREMES. HIGHEST, 63.40 FEET ON MAY 31, 1983. LOWEST, 9.10 FEET ON JAN. 8, 1964.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|---------|-------|-------|---------|-------|-------|-------|
| 1 | 39.80 | 35.00 | 39.55 | 44.58 | 43.15 | 27.90 | 25.40 | 22.47 | 19.43 | 19.05 | 13.90 | 27.20 |
| 2 | 39.08 | 35.00 | 40.00 | 44.10 | 42.25 | 28.40 | 25.50 | 21.63 | 18.90 | 19.22 | 13.90 | 27.37 |
| 3 | 38.50 | 34.48 | 41.10 | 43.60 | 42.30 | 28.82 | 25.55 | 21.04 | 18.40 | 19.28 | 13.86 | 27.38 |
| 4 | 38.35 | 33.90 | 42.40 | 43.00 | 40.93 | 29.42 | 25.30 | 20.61 | 17.90 | 19.00 | 13.80 | 27.18 |
| 5 | 38.50 | 33.45 | 43.85 | 42.63 | 40.60 | 30.10 | 24.90 | 20.40 | 17.80 | 18.49 | 13.50 | 26.83 |
| 6 | 38.42 | 33.15 | 45.00 | 42.40 | 39.60 | 31.20 | 24.70 | 20.05 | 18.35 | 18.19 | 13.40 | 26.82 |
| 7 | 38.18 | 33.05 | 46.10 | 42.25 | 38.60 | 32.33 | 24.86 | 19.90 | 19.20 | 17.79 | 13.50 | 26.64 |
| 8 | 37.50 | 33.18 | 47.20 | 42.30 | 38.10 | 33.40 | 25.00 | 19.90 | 20.30 | 17.47 | 13.50 | 26.40 |
| 9 | 36.85 | 33.40 | 48.00 | 42.30 | 37.23 | 34.20 | 25.12 | 19.92 | 20.80 | 17.20 | 13.40 | 26.50 |
| 10 | 36.20 | 33.70 | 48.70 | 42.38 | 36.10 | 34.55 | 25.22 | 19.75 | 21.08 | 16.87 | 13.75 | 27.10 |
| 11 | 35.35 | 34.11 | 49.10 | 42.52 | 34.88 | 34.55 | 25.55 | 19.70 | 21.05 | 16.62 | 13.90 | 27.38 |
| 12 | 34.35 | 34.45 | 49.50 | 42.60 | 33.90 | 34.45 | 26.22 | 20.00 | 20.90 | 16.28 | 13.95 | 27.37 |
| 13 | 33.33 | 34.60 | 50.00 | 42.55 | 33.30 | 34.30 | 27.17 | 20.11 | 20.48 | 15.79 | 13.80 | 27.20 |
| 14 | 33.00 | 34.55 | 50.05 | 42.28 | 31.15 | 34.20 | 28.10 | 20.09 | 19.82 | 15.38 | 14.10 | 26.78 |
| 15 | 32.75 | 34.35 | 50.25 | 41.95 | 32.45 | 33.88 | 29.16 | 20.07 | 19.17 F | 15.00 | 14.40 | 26.10 |
| 16 | 32.40 | 35.15 | 49.90 | 41.50 | 32.00 | 33.50 | 30.00 | 19.66 | 18.65 | 14.53 | 14.75 | 25.48 |
| 17 | 32.02 | 34.80 | 49.60 | 41.25 | 31.35 | 32.98 | 30.68 | 19.01 | 18.60 | 14.46 | 19.00 | 24.80 |
| 18 | 32.55 | 34.90 | 49.70 | 41.30 | 30.50 | 32.28 | 30.80 | 18.71 | 18.65 | 14.35 | 21.70 | 24.50 |
| 19 | 33.40 | 35.25 | 49.55 | 41.50 | 29.35 | 31.65 | 30.71 | 18.30 | 18.62 | 14.40 | 23.10 | 24.50 |
| 20 | 32.58 | 35.50 | 49.10 | 41.70 | 28.50 | 31.45 | 30.58 | 17.85 | 18.33 | 14.20 | 25.00 | 25.16 |
| 21 | 32.37 | 35.68 | 48.50 | 41.70 | 27.45 | 31.15 | 30.38 | 17.44 | 17.98 | 14.00 | 26.58 | 25.85 |
| 22 | 32.60 | 36.30 | 48.10 | 42.05 | 26.43 | 30.30 | 30.39 | 17.11 | 17.85 | 13.80 | 27.40 | 26.94 |
| 23 | 32.40 | 37.28 | 47.70 | 42.50 | 25.70 | 29.70 | 30.40 | 17.01 | 17.99 | 13.85 | 27.50 | 27.90 |
| 24 | 32.15 | 37.12 | 47.60 | 42.70 | 25.20 | 28.99 | 30.08 | 17.21 | 18.00 | 14.26 | 27.28 | 28.70 |
| 25 | 32.05 | 37.22 | 47.30 | 43.10 | 24.75 | 28.35 | 29.55 | 17.40 | 17.95 | 14.12 | 26.58 | 29.50 |
| 26 | 32.45 | 37.25 | 46.65 | 43.40 | 24.32 | 27.73 | 28.88 | 17.70 | 18.10 | 13.88 | 25.97 | 30.55 |
| 27 | 32.70 | 38.20 | 46.20 | 43.50 | 24.47 | 27.05 | 27.50 | 18.30 | 18.00 | 13.90 | 25.63 | 31.00 |
| 28 | 33.30 | 39.05 | 45.78 | 43.60 | 25.00 | 26.35 | 26.82 | 18.75 | 18.03 | 13.80 | 25.68 | 34.60 |
| 29 | 34.00 | ----- | 45.58 | 43.45 | 25.78 | 25.85 | 25.88 | 19.05 | 18.25 | 13.74 | 26.02 | 38.40 |
| 30 | 34.60 | ----- | 45.38 | 43.40 | 26.40 | 25.58 | 24.70 | 19.20 | 18.65 | 13.87 | 26.70 | 41.00 |
| 31 | 34.80 | ----- | 45.05 | ----- | 27.15 | ----- F | 23.30 | 19.50 | ----- | 14.01 | ----- | 42.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 34.73 | 35.15 | 46.85 | 42.60 | 32.22 | 30.82 | 27.37 | 19.29 | 18.91 | 15.70 | 19.18 | 28.61 |
| MAX | 39.80 | 39.05 | 50.25 | 44.58 | 43.15 | 34.55 | 30.80 | 22.47 | 21.08 | 19.28 | 27.50 | 42.80 |
| MIN | 32.02 | 33.05 | 39.55 | 41.25 | 24.32 | 25.58 | 23.30 | 17.01 | 17.80 | 13.74 | 13.40 | 24.50 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 29.25

HIGHEST STAGE WAS 50.25 AT 6:15 A. M. ON MAR 15

LOWEST STAGE WAS 13.40 ON NOV 6 AND LATER DATE(S)

DAILY STAGE FOR 1987

OLD RIVER OUTFLOW CHANNEL NEAR KNOX LANDING, LA.

LOCATION. LAT. 31-04-40. LONG. 91-35-50. STATE HIGHWAY 15 BRIDGE AT OLD RIVER CONTROL STRUCTURE.
ABOUT A HALF MILE FROM HEAD OF CHANNEL. THE HEAD OF CHANNEL IS 314.6 MILES UPSTREAM ON
MISSISSIPPI RIVER FROM HEAD OF PASSES. THE CHANNEL IS 7.7 MILES IN LENGTH AND JOINS WITH RED
RIVER AT MILE 3.6. (STA. 0210011.)

GAGE. AUTOMATIC RECORDER AND STAFF.

DISCHARGE RANGE. FIVE AND A HALF MILES DOWNSTREAM FROM OLD RIVER CONTROL STRUCTURE.

GENERAL INFORMATION. DRAINAGE AREA, ABOUT 1,124,700 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE,
49 FEET. THE MAIN CHANNEL STRUCTURE CONSISTS OF ELEVEN GATE BAYS, EACH WITH 44-FOOT CLEAR
WIDTH BETWEEN PIERS. THE WEIR CREST ELEVATION IS TEN FEET ABOVE NGVD EXCEPT FOR
THREE CENTER BAYS WHICH HAVE CREST ELEVATION OF FIVE FEET BELOW NGVD. THE OVERBANK
STRUCTURE CONSISTS OF 73 GATE BAYS, EACH WITH 44-FOOT CLEAR WIDTH BETWEEN PIERS. THE WEIR
CREST ELEVATION IS 52.0 FEET, NGVD. THE TOP ELEVATION OF ALL GATE BAYS IS 67.0 FEET, NGVD.
THE MAXIMUM DISCHARGE CAPACITY FOR BOTH STRUCTURES IS ABOUT 700,000 CFS.

RECORDS AVAILABLE. STAGE, MAR. 31, 1961, TO DATE. DISCHARGE, 1961 TO DATE. COMPUTED DAILY, SINCE
1962.

EXTREMES. HIGHEST, 59.30 FEET ON MAY 15, 1973. LOWEST, 1.32 FEET ON JULY 16, 1964 (GATES CLOSED)
MAXIMUM, 610,000 CFS COMPUTED FOR MAY 19, 1973 (LOW SILL AND OVERBANK STRUCTURES IN OPERATION).
MINIMUM, NO FLOW (GATES CLOSED) ON VARIOUS OCCASIONS.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| 1 | 24.35 | 20.80 | 23.90 | 28.40 | 30.20 | 14.50 | 12.48 | 11.87 | 10.70 | 10.15 | 7.90 | 12.30 |
| 2 | 23.80 | 20.65 | 24.60 | 27.85 | 29.90 | 15.35 | 12.60 | 11.49 | 10.35 | 10.80 | 7.93 | 12.95 |
| 3 | 23.33 | 20.55 | 25.30 | 27.15 | 29.60 | 16.15 | 12.26 | 10.97 | 9.80 | 11.22 | 8.19 | 13.02 |
| 4 | 23.00 | 19.95 | 26.70 | 27.20 | 29.30 | 16.40 | 12.28 | 10.85 | 9.89 F | 11.10 | 7.79 | 12.65 |
| 5 | 23.10 | 19.40 | 28.05 | 26.85 | 27.25 | 17.00 | 12.30 | 11.03 | 10.30 | 11.01 | 7.85 | 12.40 |
| 6 | 23.30 | 18.75 | 29.70 | 26.25 | 26.45 | 17.50 | 12.10 | 10.80 | 10.53 | 10.13 | 7.60 | 11.75 |
| 7 | 23.25 | 18.65 | 30.90 | 26.60 | 26.35 | 18.10 | 12.00 | 10.29 | 10.92 | 9.72 | 7.75 | 12.50 |
| 8 | 23.30 | 18.75 | 31.70 | 26.30 | 24.90 | 18.70 | 12.03 | 10.27 | 11.20 | 9.60 | 7.87 | 13.50 |
| 9 | 22.15 | 19.00 | 32.80 | 26.75 | 23.80 | 18.70 | 12.03 | 10.30 | 11.80 | 9.63 | 7.99 | 13.85 |
| 10 | 20.65 | 19.60 | 33.70 | 26.85 | 22.85 | 19.05 | 12.35 | 10.22 | 11.97 | 9.51 | 7.58 | 13.40 |
| 11 | 19.95 | 19.80 | 33.80 | 26.50 | 22.25 | 19.65 | 12.90 | 10.29 | 11.96 | 9.38 | 6.48 | 13.70 |
| 12 | 19.45 | 20.05 | 34.10 | 26.25 | 21.10 | 19.35 | 13.10 | 10.38 | 11.83 | 9.20 | 6.47 | 14.40 |
| 13 | 19.10 | 20.40 | 34.60 | 26.05 | 19.75 | 19.10 | 13.42 | 10.45 | 11.70 F | 8.95 | 7.89 | 14.20 |
| 14 | 18.45 | 20.45 | 34.85 | 26.87 | 22.93 | 19.45 | 14.42 | 10.41 | 11.42 | 8.80 | 8.04 | 13.80 |
| 15 | 18.15 | 20.20 | 34.70 | 26.78 | 18.45 | 19.10 | 14.75 | 10.71 | 10.55 | 8.20 | 8.40 | 14.00 |
| 16 | 18.04 | 21.05 | 34.85 | 26.85 | 18.00 | 18.35 | 15.00 | 10.62 | 10.25 | 8.18 | 9.10 | 13.65 |
| 17 | 17.08 | 21.70 | 34.65 | 26.70 | 17.70 | 17.22 | 14.75 | 10.31 | 10.12 | 7.58 | 12.50 | 13.60 |
| 18 | 17.65 | 20.75 | 34.60 | 26.57 | 17.38 | 16.50 | 14.68 | 9.60 | 10.20 | 7.38 | 12.20 | 13.48 |
| 19 | 18.65 | 19.85 | 34.50 | 26.35 | 16.85 | 16.24 | 14.60 | 9.81 | 10.20 | 7.40 | 12.90 | 13.95 |
| 20 | 18.65 | 19.40 | 33.85 | 26.65 | 15.80 | 16.40 | 14.50 | 9.70 | 10.18 | 8.30 | 13.15 | 14.30 |
| 21 | 17.60 | 21.05 | 33.30 | 27.75 | 15.00 | 16.33 | 14.87 | 9.32 | 9.65 | 8.50 | 13.70 | 14.90 |
| 22 | 17.00 | 22.00 | 32.80 | 28.15 | 14.40 | 16.10 | 15.00 | 9.18 | 9.50 | 8.40 | 14.15 | 14.55 |
| 23 | 16.97 | 21.80 | 32.40 | 28.70 | 13.85 | 14.98 | 15.63 | 9.12 | 9.45 | 8.83 | 14.25 | 14.70 |
| 24 | 16.88 | 21.75 | 32.00 | 29.70 | 13.55 | 14.57 | 15.70 | 9.16 | 9.95 | 8.30 | 13.83 | 14.83 |
| 25 | 17.00 | 21.40 | 31.40 | 30.05 | 13.60 | 14.33 | 15.82 | 9.94 | 10.49 | 8.22 | 13.50 | 16.38 |
| 26 | 16.70 | 21.55 | 30.90 | 30.18 | 13.05 | 13.96 | 15.65 | 10.06 | 9.70 | 8.10 | 12.95 | 17.08 |
| 27 | 17.65 | 22.50 | 30.20 | 30.15 | 12.85 | 13.70 | 15.60 | 9.88 | 9.73 | 7.35 | 12.45 | 17.90 |
| 28 | 18.55 | 23.45 | 29.80 | 30.18 | 13.08 | 13.31 | 14.68 | 10.13 | 9.50 | 7.00 | 12.65 | 20.12 |
| 29 | 19.35 | ----- | 29.45 | 30.45 | 13.40 | 13.10 | 14.25 | 10.57 | 9.47 | 7.72 | 12.50 | 21.50 |
| 30 | 20.10 | ----- | 29.15 | 30.35 | 14.00 | 12.63 | 13.72 | 10.66 | 9.80 | 8.29 | 12.20 | 24.74 |
| 31 | 20.85 | ----- | 29.05 | ----- | 14.25 | ----- | 13.01 | 10.78 | ----- | 7.96 | ----- | 28.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 19.81 | 20.54 | 31.36 | 27.71 | 19.74 | 16.53 | 13.82 | 10.30 | 10.44 | 8.87 | 10.26 | 15.24 |
| MAX | 24.35 | 23.45 | 34.85 | 30.45 | 30.20 | 19.65 | 15.82 | 11.87 | 11.97 | 11.22 | 14.25 | 28.30 |
| MIN | 16.70 | 18.65 | 23.90 | 26.05 | 12.85 | 12.63 | 12.00 | 9.12 | 9.45 | 7.00 | 6.47 | 11.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 17.03

HIGHEST STAGE WAS 34.90 AT NOON ON MAR 14 AND LATER DATES(S).

LOWEST STAGE WAS 6.30 ON NOV 11

DAILY DISCHARGE FOR 1987

OLD RIVER OUTFLOW CHANNEL NEAR KNOX LANDING, LA. --CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 76 | 135 | 76 | 122 | 275 | 108 | 68 | 86 | 76 | 71 | 61 | 8 |
| 2 | 118 | 135 | 81 | 118 | 268 | 117 | 67 | 82 | 72 | 75 | 61 | 21 |
| 3 | 118 | 134 | 85 | 115 | 263 | 124 | 64 | 79 | 70 | 74 | 63 | 26 |
| 4 | 119 | 127 | 102 | 121 | 250 | 127 | 64 | 77 | 68 | 73 | 61 | 31 |
| 5 | 118 | 120 | 118 | 121 | 228 | 130 | 65 | 79 | 63 | 71 | 60 | 39 |
| 6 | 123 | 115 | 137 | 123 | 216 | 126 | 63 | 76 | 67 | 70 | 60 | 39 |
| 7 | 126 | 115 | 156 | 133 | 201 | 121 | 59 | 74 | 74 | 68 | 60 | 49 |
| 8 | 125 | 115 | 166 | 133 | 192 | 125 | 60 | 73 | 80 | 67 | 59 | 61 |
| 9 | 113 | 116 | 177 | 141 | 185 | 123 | 63 | 74 | 82 | 65 | 59 | 58 |
| 10 | 102 | 116 | 187 | 147 | 176 | 128 | 69 | 73 | 85 | 64 | 54 | 52 |
| 11 | 101 | 117 | 196 | 152 | 170 | 134 | 76 | 73 | 86 | 63 | 49 | 54 |
| 12 | 100 | 122 | 200 | 154 | 158 | 132 | 78 | 73 | 86 | 61 | 50 | 64 |
| 13 | 101 | 125 | 209 | 155 | 153 | 129 | 80 | 74 | 81 | 58 | 58 | 64 |
| 14 | 95 | 127 | 219 | 171 | 157 | 126 | 89 | 73 | 79 | 55 | 58 | 63 |
| 15 | 90 | 127 | 219 | 173 | 144 | 119 | 94 | 76 | 74 | 58 | 60 | 66 |
| 16 | 87 | 128 | 225 | 178 | 143 | 108 | 97 | 75 | 72 | 55 | 61 | 65 |
| 17 | 76 | 124 | 223 | 180 | 140 | 96 | 97 | 72 | 71 | 56 | 29 | 66 |
| 18 | 76 | 101 | 213 | 182 | 137 | 92 | 101 | 68 | 73 | 56 | 0 | 65 |
| 19 | 77 | 87 | 211 | 184 | 131 | 90 | 102 | 68 | 71 | 56 | 0 | 68 |
| 20 | 74 | 86 | 197 | 193 | 122 | 92 | 104 | 66 | 70 | 64 | 0 | 69 |
| 21 | 64 | 99 | 186 | 214 | 115 | 92 | 110 | 64 | 68 | 65 | 0 | 70 |
| 22 | 58 | 97 | 172 | 225 | 110 | 90 | 112 | 63 | 66 | 66 | 0 | 62 |
| 23 | 62 | 86 | 159 | 242 | 106 | 79 | 118 | 62 | 66 | 68 | 0 | 60 |
| 24 | 62 | 81 | 148 | 258 | 103 | 78 | 119 | 63 | 69 | 63 | 0 | 60 |
| 25 | 61 | 75 | 141 | 262 | 99 | 77 | 120 | 62 | 67 | 62 | 0 | 84 |
| 26 | 62 | 75 | 135 | 265 | 95 | 76 | 116 | 66 | 67 | 61 | 0 | 86 |
| 27 | 78 | 73 | 124 | 267 | 93 | 75 | 115 | 69 | 67 | 54 | 0 | 89 |
| 28 | 92 | 76 | 121 | 267 | 96 | 73 | 110 | 71 | 65 | 55 | 0 | 93 |
| 29 | 105 | ----- | 122 | 273 | 98 | 72 | 106 | 72 | 66 | 60 | 0 | 95 |
| 30 | 119 | ----- | 122 | 275 | 101 | 68 | 101 | 73 | 68 | 64 | 0 | 129 |
| 31 | 133 | ----- | 126 | ----- | 104 | ----- | 95 | 75 | ----- | 62 | ----- | 172 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|
| MEAN | 94 | 108 | 160 | 185 | 156 | 104 | 90 | 72 | 72 | 63 | 32 | 65 |
| MAX | 133 | 135 | 225 | 275 | 275 | 134 | 120 | 86 | 86 | 75 | 63 | 172 |
| MIN | 58 | 73 | 76 | 115 | 93 | 68 | 59 | 62 | 63 | 54 | 0 | 8 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

TOTAL FOR YEAR WAS 36,500,000 CFS.

THE MEAN DISCHARGE FOR THE YEAR WAS 100,000 CFS

MAXIMUM DAILY DISCHARGE WAS 275,000 CFS ON APR 30 THRU MAY 1.

MINIMUM DAILY DISCHARGE WAS 0 CFS ON NOV 18 THRU 30.

DAILY STAGE FOR 1987

OLD RIVER AUXILIARY INFLOW CHANNEL NEAR KNOX LANDING, LA.

LOCATION. LAT. 31-03-54, LONG. 91-35-18. STATE HIGHWAY 15 BRIDGE AT OLD RIVER AUXILIARY CONTROL STRUCTURE, ABOUT A MILE AND A HALF FROM HEAD OF CHANNEL. THE HEAD OF CHANNEL IS 312.0 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES. THE CHANNEL IS 2.2 MILES IN LENGTH AND JOINS WITH OLD RIVER OUTFLOW CHANNEL ABOUT ONE MILE BELOW ITS HEAD. (STA. 0220011.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DRAINAGE AREA, ABOUT 1,124,700 SQUARE MILES (CONTRIBUTING). THE AUXILIARY STRUCTURE CONSISTS OF SIX GATE BAYS, EACH WITH 62-FOOT CLEAR WIDTH BETWEEN PIERS. THE WEIR CREST ELEVATION IS FIVE FEET BELOW NGVD. THE TOP ELEVATION OF ALL GATES IS 70.0 FEET, NGVD. THE MAXIMUM DISCHARGE CAPACITY IS ABOUT 374,000 CFS.

RECORDS AVAILABLE. STAGE, DEC. 14, 1986, TO DATE.

EXTREMES. HIGHEST, 49.60 FEET ON MAR. 14, 1987 AND LATER DATE(S). LOWEST, 12.60 FEET ON OCT. 21, 1987 AND LATER DATE(S).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1967 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|---------|---------|-------|-------|---------|-------|-------|---------|---------|-------|
| 1 | 39.30 | 34.20 | 39.10 | 43.95 | 42.80 | 25.65 | 24.25 | 19.75 | 16.58 | 16.80 | 13.74 | 27.00 |
| 2 | 38.50 | 34.10 | 39.50 | 43.44 | 42.25 | 25.89 | 24.25 | 18.84 | 16.14 | 16.78 | 13.78 F | 27.18 |
| 3 | 37.65 | 33.70 | 40.60 | 42.00 | 41.50 | 26.10 | 24.60 | 18.32 | 15.72 | 16.70 | 13.70 | 26.95 |
| 4 | 37.50 | 33.10 | 41.85 | 42.45 | 40.55 | 26.80 | 24.30 | 17.75 | 15.15 | 16.40 | 13.55 | 26.73 |
| 5 | 37.50 | 32.70 | 43.10 | 42.02 | 40.10 | 27.65 | 23.80 | 17.35 | 14.74 | 15.90 | 13.30 | 26.60 |
| 6 | 37.20 | 32.40 | 44.40 | 41.78 | 39.10 | 29.10 | 23.65 | 17.15 | 15.45 | 15.98 | 13.20 | 26.60 |
| 7 | 37.40 | 32.30 | 45.50 | 41.64 | 38.00 | 30.39 | 23.95 | 17.30 | 16.47 | 15.66 | 13.29 | 26.40 |
| 8 | 36.70 | 32.40 | 46.60 | 41.69 | 37.32 | 31.31 | 24.10 | 17.27 | 17.60 | 15.32 | 13.27 | 26.22 |
| 9 | 36.00 | 32.55 | 47.40 | 41.70 | 36.42 | 32.26 | 24.00 | 17.35 | 18.02 | 14.90 | 13.27 | 26.30 |
| 10 | 35.40 | 32.80 | 48.10 | 41.73 | 35.30 | 32.55 | 24.10 | 17.18 | 18.38 | 14.68 | 13.70 | 26.86 |
| 11 | 34.40 | 33.30 | 48.50 | 41.83 | 34.18 | 32.45 | 24.02 | 17.13 | 18.42 | 14.35 | 13.94 | 27.12 |
| 12 | 33.40 | 33.60 | 48.95 | 42.00 | 33.12 | 32.41 | 24.75 | 17.40 | 18.33 | 13.95 | 13.99 | 27.18 |
| 13 | 32.60 | 33.80 | 49.30 | 41.89 | 32.29 | 32.31 | 25.72 | 17.55 | 17.90 | 13.40 | 13.72 | 27.05 |
| 14 | 32.30 | 33.70 | 49.60 | 41.58 | 30.70 | 32.22 | 26.43 | 17.50 | 17.14 | 13.02 | 14.08 | 26.61 |
| 15 | 32.00 | 33.45 | 49.60 | 41.25 | 29.90 | 32.00 | 27.50 | 17.27 | 16.79 | 14.55 | 14.35 | 25.95 |
| 16 | 31.80 | 34.30 | 49.30 | 40.75 | 29.32 | 31.87 | 28.65 | 16.85 | 16.25 | 14.55 | 14.74 | 25.38 |
| 17 | 31.50 | 34.00 | 48.90 F | 40.40 | 28.71 | 31.54 | 29.25 | 16.20 | 16.28 | 14.69 | 18.71 | 24.70 |
| 18 | 31.90 | 34.10 | 49.30 F | 40.52 | 27.81 | 30.90 | 29.50 | 16.16 | 16.35 | 14.55 F | 21.40 | 24.46 |
| 19 | 32.90 | 34.50 | 48.90 | 40.80 | 26.86 | 30.24 | 29.30 | 15.38 | 16.34 | 14.57 | 22.78 | 24.48 |
| 20 | 32.00 | 34.70 | 48.50 | 40.95 | 26.05 | 29.91 | 29.05 | 14.97 | 16.05 | 14.18 | 24.70 | 25.12 |
| 21 | 31.80 | 34.80 | 48.00 | 41.05 | 24.91 | 29.67 | 28.70 | 14.65 | 15.79 | 13.01 | 26.30 | 25.80 |
| 22 | 32.10 | 35.50 | 47.40 | 41.36 F | 23.62 | 28.90 | 28.50 | 14.30 | 15.80 | 13.63 | 26.90 | 26.77 |
| 23 | 31.90 | 36.65 | 47.10 F | 41.55 | 23.07 | 28.58 | 28.10 | 14.16 | 15.87 | 13.59 | 27.15 F | 27.60 |
| 24 | 31.70 | 36.50 | 47.10 | 41.94 | 22.35 | 27.80 | 27.65 | 14.40 | 15.70 | 14.10 | 26.95 | 28.52 |
| 25 | 31.70 | 36.65 | 46.70 | 42.30 | 21.88 | 27.10 | 27.00 | 14.20 | 15.35 | 14.00 | 26.35 | 29.36 |
| 26 | 31.90 | 36.65 | 46.05 | 42.70 | 21.70 | 26.49 | 26.30 F | 14.72 | 16.04 | 13.80 | 25.70 | 30.38 |
| 27 | 32.10 | 37.60 | 45.65 | 42.90 | 21.92 | 25.75 | 25.02 F | 15.55 | 15.93 | 13.92 | 25.40 | 31.63 |
| 28 | 32.45 | 38.60 | 45.30 | 42.90 | 22.62 | 25.05 | 24.38 | 15.97 | 16.05 | 13.76 | 25.40 | 34.20 |
| 29 | 33.20 | ----- | 45.00 | 42.81 | 23.45 | 24.55 | 23.35 | 16.08 | 16.40 | 13.58 | 25.70 | ?? ?? |
| 30 | 33.70 | ----- | 44.80 | 42.80 | 24.10 | 24.43 | 22.08 | 16.30 | 16.62 | 13.60 | 26.35 | 40.60 |
| 31 | 34.00 | ----- F | 44.22 | ----- | 24.84 | ----- | 20.70 | 16.65 | ----- | 13.80 | ----- | 42.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 34.02 | 34.38 | 46.27 | 41.89 | 30.54 | 29.06 | 25.71 | 16.51 | 16.45 | 14.57 | 18.98 | 28.39 |
| MAX | 39.30 | 38.60 | 49.60 | 43.95 | 42.80 | 32.55 | 29.50 | 19.75 | 18.42 | 16.80 | 27.15 | 42.30 |
| MIN | 31.50 | 32.30 | 39.10 | 40.40 | 21.70 | 24.43 | 20.70 | 14.18 | 14.74 | 13.01 | 13.20 | 24.46 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 28.03

HIGHEST STAGE WAS 49.60 ON MAR 14 AND LATER DATE(S)

LOWEST STAGE WAS 12.60 ON OCT 21 AND LATER DATE(S)

DAILY FLOW FOR 1987

OLD RIVER AUXILIARY INFLOW CHANNEL NEAR KNOX LANDING, LA. --CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 43 | 56 | 25 | 44 | 106 | 108 | 68 | 86 | 76 | 71 | 24 | 0 |
| 2 | 42 | 56 | 30 | 44 | 105 | 117 | 67 | 82 | 72 | 75 | 24 | 0 |
| 3 | 42 | 56 | 30 | 45 | 103 | 124 | 64 | 79 | 70 | 74 | 24 | 0 |
| 4 | 42 | 53 | 30 | 49 | 91 | 127 | 64 | 77 | 68 | 73 | 24 | 0 |
| 5 | 42 | 50 | 49 | 49 | 88 | 130 | 65 | 79 | 63 | 71 | 25 | 0 |
| 6 | 51 | 49 | 55 | 50 | 83 | 126 | 63 | 76 | 67 | 70 | 25 | 0 |
| 7 | 54 | 49 | 55 | 52 | 78 | 121 | 59 | 74 | 74 | 68 | 25 | 11 |
| 8 | 52 | 49 | 54 | 52 | 74 | 125 | 60 | 73 | 80 | 67 | 24 | 0 |
| 9 | 42 | 49 | 76 | 55 | 80 | 123 | 63 | 74 | 82 | 65 | 24 | 0 |
| 10 | 42 | 50 | 77 | 58 | 71 | 128 | 69 | 73 | 85 | 64 | 18 | 0 |
| 11 | 42 | 50 | 80 | 62 | 66 | 134 | 76 | 73 | 86 | 63 | 12 | 0 |
| 12 | 41 | 54 | 79 | 63 | 64 | 132 | 78 | 73 | 86 | 61 | 12 | 0 |
| 13 | 40 | 54 | 85 | 63 | 63 | 129 | 80 | 74 | 81 | 58 | 21 | 0 |
| 14 | 44 | 53 | 84 | 67 | 80 | 126 | 89 | 73 | 79 | 55 | 20 | 0 |
| 15 | 39 | 53 | 84 | 67 | 144 | 119 | 94 | 76 | 74 | 32 | 20 | 0 |
| 16 | 36 | 53 | 91 | 70 | 143 | 108 | 97 | 75 | 72 | 24 | 19 | 0 |
| 17 | 29 | 51 | 90 | 72 | 140 | 96 | 97 | 72 | 71 | 16 | 0 | 0 |
| 18 | 28 | 42 | 85 | 72 | 137 | 92 | 101 | 68 | 73 | 16 | 0 | 0 |
| 19 | 28 | 36 | 84 | 73 | 131 | 90 | 102 | 68 | 71 | 16 | 0 | 0 |
| 20 | 27 | 34 | 74 | 83 | 122 | 92 | 104 | 66 | 70 | 25 | 0 | 0 |
| 21 | 16 | 40 | 74 | 84 | 115 | 92 | 110 | 64 | 68 | 27 | 0 | 0 |
| 22 | 10 | 39 | 74 | 86 | 110 | 90 | 112 | 63 | 66 | 29 | 0 | 0 |
| 23 | 14 | 26 | 61 | 93 | 106 | 79 | 118 | 62 | 66 | 31 | 0 | 0 |
| 24 | 14 | 34 | 49 | 101 | 103 | 78 | 119 | 63 | 69 | 24 | 0 | 0 |
| 25 | 14 | 27 | 53 | 101 | 99 | 77 | 120 | 62 | 67 | 24 | 0 | 0 |
| 26 | 14 | 27 | 51 | 102 | 95 | 76 | 116 | 66 | 67 | 24 | 0 | 0 |
| 27 | 30 | 25 | 47 | 103 | 93 | 75 | 115 | 69 | 67 | 17 | 0 | 0 |
| 28 | 40 | 25 | 44 | 103 | 96 | 73 | 110 | 71 | 65 | 18 | 0 | 0 |
| 29 | 43 | ----- | 44 | 103 | 98 | 72 | 106 | 72 | 66 | 24 | 0 | 14 |
| 30 | 49 | ----- | 44 | 105 | 101 | 68 | 101 | 73 | 68 | 27 | 0 | 34 |
| 31 | 55 | ----- | 48 | ----- | 104 | ----- | 95 | 75 | ----- | 24 | ----- | 66 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|----|----|----|-----|-----|-----|-----|----|----|----|----|----|
| MEAN | 36 | 44 | 62 | 72 | 100 | 104 | 90 | 72 | 72 | 43 | 11 | 4 |
| MAX | 55 | 56 | 91 | 105 | 144 | 134 | 120 | 86 | 86 | 75 | 26 | 66 |
| MIN | 10 | 25 | 25 | 44 | 63 | 68 | 59 | 62 | 63 | 16 | 0 | 0 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN FLOW FOR THE YEAR WAS 59,000 CFS.

MAXIMUM DAILY DISCHARGE WAS 144,000 CFS ON MAY 15.

MINIMUM DAILY DISCHARGE WAS 0 CFS ON NOV 17 THRU DEC 6, AND DEC 8 THRU 28.

DAILY STAGE FOR 1987

OLD RIVER AUXILIARY OUTFLOW CHANNEL NEAR KNOX LANDING, LA.

LOCATION LAT. 31-03-57, LONG. 91-35-26. STATE HIGHWAY 15 BRIDGE AT OLD RIVER AUXILIARY CONTROL STRUCTURE, ABOUT A MILE AND A HALF FROM HEAD OF CHANNEL. THE HEAD OF CHANNEL IS 312.0 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES. THE CHANNEL IS 2.2 MILES IN LENGTH AND JOINS WITH OLD RIVER OUTFLOW CHANNEL ABOUT ONE MILE BELOW ITS HEAD. (STA. 0221011)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, ABOUT 1,124,700 SQUARE MILES (CONTRIBUTING). THE AUXILIARY STRUCTURE CONSISTS OF SIX GATE BAYS, EACH WITH 62-FOOT CLEAR WIDTH BETWEEN PIERS. THE WEIR CREST ELEVATION IS FIVE FEET BELOW NGVD. THE TOP ELEVATION OF ALL GATES IS 70.0 FEET, NGVD. THE MAXIMUM DISCHARGE CAPACITY IS ABOUT 374,000 CFS.

RECORDS AVAILABLE. STAGE, DEC. 14, 1986, TO DATE.

EXTREMES. HIGHEST, 34.90 FEET ON MAR. 14, 1987 AND LATER DATE(S). LOWEST, 6.45 FEET ON NOV. 11, 1987.

DAILY SEVEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1967 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 24.40 | 21.00 | 23.95 | 28.50 | 30.40 | 16.05 | 13.30 | 13.40 | 12.20 | 11.55 | 8.20 | 12.35 |
| 2 | 23.95 | 20.85 | 24.70 | 27.85 | 30.00 | 17.10 | 13.50 | 13.00 | 11.95 | 12.35 | 8.25 | 13.00 |
| 3 | 23.40 | 20.80 | 26.30 | 27.15 | 29.75 | 18.00 | 13.00 | 12.35 | 11.30 | 12.80 | 8.50 | 13.05 |
| 4 | 23.10 | 20.15 | 26.80 | 27.40 | 29.50 | 18.20 | 12.80 | 12.30 | 11.35 | 12.65 | 8.15 | 12.60 |
| 5 | 23.10 | 19.60 | 28.05 | 26.90 | 27.35 | 18.60 | 13.10 | 12.40 | 11.90 | 12.50 | 8.20 | 12.45 |
| 6 | 23.30 | 19.00 | 29.75 | 26.40 | 26.85 | 18.80 | 12.80 | 12.15 | 12.00 | 11.50 | 8.00 | 11.85 |
| 7 | 23.30 | 18.85 | 31.00 | 26.70 | 26.20 | 19.40 | 12.75 | 11.70 | 12.40 | 11.10 | 8.15 | 12.50 |
| 8 | 23.50 | 18.95 | 31.85 | 26.45 | 25.15 | 19.85 | 12.75 | 11.70 | 12.75 | 10.90 | 8.20 | 13.65 |
| 9 | 22.40 | 19.20 | 33.10 | 26.85 | 24.40 | 19.80 | 12.75 | 11.80 | 13.50 | 11.10 | 8.25 | 14.00 |
| 10 | 20.80 | 19.80 | 33.40 | 26.95 | 23.15 | 20.20 | 13.30 | 11.70 | 13.70 | 10.90 | 7.75 | 13.50 |
| 11 | 20.30 | 20.00 | 33.80 | 26.70 | 22.50 | 20.80 | 13.90 | 11.70 | 13.55 | 10.80 | 6.45 | 13.80 |
| 12 | 19.70 | 20.25 | 34.35 | 26.40 | 21.40 | 20.50 | 14.00 | 11.90 | 13.40 | 10.60 | 6.50 | 14.50 |
| 13 | 19.40 | 20.60 | 34.50 | 26.15 | 20.10 | 20.10 | 14.50 | 11.90 | 13.40 | 10.35 | 8.10 | 14.25 |
| 14 | 18.80 | 20.70 | 34.90 | 27.10 | 19.80 | 20.55 | 15.50 | 11.90 | 13.00 | 10.30 | 8.30 | 13.90 |
| 15 | 18.40 | 20.40 | 34.90 | 26.90 | 20.10 | 20.10 | 15.95 | 12.10 | 12.10 | 8.65 | 8.60 | 14.00 |
| 16 | 18.20 | 21.25 | 34.80 | 27.00 | 19.70 | 19.30 | 16.20 | 12.00 | 11.70 | 8.45 | 9.20 | 13.75 |
| 17 | 17.30 | 21.85 | 34.70 | 26.90 | 19.40 | 18.20 | 16.10 | 11.65 | 11.65 | 7.70 | 12.50 | 13.70 |
| 18 | 17.80 | 20.85 | 34.60 | 26.80 | 19.10 | 17.35 | 16.00 | 10.95 | 11.55 | 7.60 | 12.30 | 13.50 |
| 19 | 18.80 | 20.00 | 34.60 | 26.60 | 18.50 | 17.10 | 16.00 | 11.25 | 11.60 | 7.65 | 13.05 | 14.00 |
| 20 | 18.90 | 19.60 | 33.80 | 26.80 | 17.50 | 17.30 | 16.00 | 11.05 | 11.50 | 8.65 | 13.15 | 14.35 |
| 21 | 17.70 | 20.80 | 33.30 | 27.85 | 16.85 | 17.30 | 16.45 | 10.70 | 11.15 | 8.75 | 13.75 | 14.95 |
| 22 | 17.10 | 22.20 | 32.80 | 28.50 | 16.10 | 17.00 | 16.65 | 10.50 | 10.85 | 8.75 | 14.20 | 14.60 |
| 23 | 17.20 | 21.95 | 32.40 | 28.80 | 15.50 | 15.80 | 17.30 | 10.40 | 10.85 | 9.25 | 14.20 | 14.90 |
| 24 | 17.00 | 21.90 | 32.05 | 29.80 | 15.30 | 15.35 | 17.40 | 10.50 | 11.40 | 8.60 | 13.90 | 14.90 |
| 25 | 17.10 | 21.50 | 31.50 | 30.20 | 15.25 | 15.15 | 17.50 | 11.30 | 11.90 | 8.55 | 13.55 | 16.45 |
| 26 | 16.90 | 21.70 | 30.95 | 30.30 | 14.65 | 14.80 | 17.30 | 11.40 | 11.20 | 8.40 | 13.00 | 17.10 |
| 27 | 17.80 | 22.60 | 30.20 | 30.30 | 14.30 | 14.60 | 17.40 | 11.25 | 11.10 | 7.55 | 12.50 | 17.90 |
| 28 | 18.75 | 23.60 | 29.80 | 30.35 | 14.60 | 14.35 | 16.25 | 11.50 | 10.80 | 7.25 | 12.70 | 20.00 |
| 29 | 19.50 | ----- | 29.45 | 30.65 | 15.00 | 14.10 | 15.80 | 12.00 | 10.80 | 8.00 | 12.55 | 21.60 |
| 30 | 20.30 | ----- | 29.10 | 30.50 | 15.70 | 13.50 | 15.30 | 12.20 | 11.15 | 8.65 | 12.20 | 24.75 |
| 31 | 21.10 | ----- | 29.10 | ----- | 15.95 | ----- | 14.50 | 12.25 | ----- | 8.25 | ----- | 28.45 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 19.98 | 20.71 | 31.44 | 27.86 | 20.65 | 17.64 | 15.03 | 11.71 | 11.92 | 9.68 | 10.41 | 15.30 |
| MAX | 24.40 | 23.60 | 34.90 | 30.65 | 30.40 | 20.80 | 17.50 | 13.40 | 13.70 | 12.80 | 14.20 | 28.45 |
| MIN | 16.90 | 18.85 | 23.95 | 26.15 | 14.30 | 13.50 | 12.75 | 10.40 | 10.80 | 7.25 | 6.45 | 11.85 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 17.68

HIGHEST STAGE WAS 34.90 ON MAR 14 AND LATER DATE(S).

LOWEST STAGE WAS 6.45 ON NOV 11.

DAILY STAGE FOR 1987

OLD RIVER AT TORRAS, LA. (LOCK FOREBAY)

LOCATION. LAT. 31-00-03, LONG. 91-40-12. IN NAVIGATION CHANNEL, ON SOUTHWEST SIDE OF LOCK WALL AT ENTRANCE TO LOCK CHAMBER. THE HEAD OF NAVIGATION CHANNEL IS 304.0 MILES UPSTREAM ON MISSISSIPPI RIVER FROM HEAD OF PASSES. (STA. 0272511.)

GAGE. WIRE WEIGHT.

RECORDS AVAILABLE. STAGE, JAN. 1, 1903, TO DATE. PRIOR TO MAR. 18, 1963, GAGE WAS IN NATURAL CHANNEL OF LOWER OLD RIVER AND ZERO OF GAGE WAS 1.11 FEET HIGHER THAN PRESENT DATUM. EXTREMES IN CURRENT REPORTS HAVE BEEN ADJUSTED TO PRESENT DATUM.

EXTREMES. HIGHEST, 61.6 FEET ON MAY 15, 1927. LOWEST, 3.3 FEET ON NOV. 4, 1939.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 38.00 | 33.00 | 37.50 | 42.75 | 41.55 | 25.10 | 23.15 | 20.05 | 17.05 | 16.70 | 12.35 | 24.70 |
| 2 | 37.20 | 32.90 | 37.95 | 42.20 | 41.15 | 25.50 | 22.85 | 19.30 | 16.80 | 16.75 | 12.55 | 24.80 |
| 3 | 36.50 | 32.55 | 38.80 | 41.65 | 40.60 | 25.95 | 22.90 | 18.65 | 16.30 | 17.10 | 12.55 | 25.20 |
| 4 | 36.35 | 32.00 | 40.10 | 41.05 | 39.55 | 26.55 | 23.00 | 18.30 | 15.80 | 17.10 | 12.75 | 25.00 |
| 5 | 36.40 | 31.50 | 41.60 | 40.40 | 39.00 | 27.50 | 22.60 | 18.05 | 15.50 | 16.30 | 12.30 | 24.75 |
| 6 | 36.40 | 30.90 | 42.85 | 40.35 | 37.95 | 28.05 | 22.35 | 17.85 | 15.80 | 16.05 | 12.10 | 24.70 |
| 7 | 36.25 | 31.05 | 43.85 | 40.20 | 37.05 | 29.25 | 22.25 | 17.70 | 16.90 | 15.80 | 12.15 | 24.50 |
| 8 | 35.75 | 31.00 | 44.35 | 40.30 | 36.20 | 30.45 | 22.25 | 17.45 | 17.85 | 15.20 | 12.20 | 24.30 |
| 9 | 34.90 | 31.20 | 45.90 | 40.20 | 35.25 | 31.05 | 22.65 | 17.65 | 18.30 | 15.10 | 12.25 | 24.35 |
| 10 | 34.30 | 31.40 | 46.55 | 40.30 | 34.05 | 31.70 | 22.80 | 17.25 | 18.43 | 14.90 | 12.40 | 24.75 |
| 11 | 33.15 | 31.80 | 47.10 | 40.30 | 33.05 | 31.85 | 23.05 | 17.45 | 18.60 | 14.60 | 12.55 | 25.15 |
| 12 | 32.10 | 32.15 | 47.60 | 40.50 | 31.90 | 32.00 | 23.30 | 17.55 | 18.75 | 14.40 | 12.60 | 25.20 |
| 13 | 31.25 | 32.45 | 48.00 | 40.50 | 31.15 | 31.70 | 24.50 | 17.70 | 18.00 | 13.85 | 12.50 | 25.20 |
| 14 | 30.80 | 32.40 | 48.20 | 40.30 | 30.05 | 31.55 | 25.20 | 17.85 | 17.65 | 13.50 | 12.50 | 24.90 |
| 15 | 30.50 | 32.30 | 48.40 | 40.00 | 29.95 | 31.45 | 26.10 | 17.80 | 17.20 | 13.50 | 12.65 | 24.40 |
| 16 | 30.40 | 32.90 | 48.15 | 39.50 | 29.30 | 30.85 | 27.30 | 17.50 | 16.20 | 13.50 | 13.10 | 23.75 |
| 17 | 30.05 | 32.85 | 47.90 | 39.25 | 28.75 | 30.60 | 28.15 | 17.10 | 16.30 | 13.00 | 16.40 | 23.00 |
| 18 | 30.05 | 32.75 | 48.05 | 39.20 | 27.90 | 29.85 | 28.25 | 16.65 | 15.85 | 12.75 | 19.40 | 22.30 |
| 19 | 30.50 | 32.95 | 47.85 | 39.55 | 27.10 | 28.90 | 28.25 | 16.10 | 16.45 | 12.70 | 19.90 | 22.60 |
| 20 | 30.55 | 33.25 | 47.25 | 39.70 | 26.10 | 28.60 | 28.05 | 16.00 | 16.25 | 12.95 | 22.20 | 23.10 |
| 21 | 30.25 | 33.40 | 46.75 | 39.70 | 25.10 | 28.55 | 27.75 | 15.65 | 15.50 | 12.75 | 23.95 | 23.80 |
| 22 | 30.45 | 33.65 | 46.20 | 40.05 | 24.05 | 27.90 | 27.75 | 15.10 | 15.00 | 12.40 | 24.70 | 24.75 |
| 23 | 30.30 | 34.85 | 45.85 | 40.50 | 23.10 | 27.45 | 27.80 | 15.00 | 15.75 | 12.60 | 25.10 | 25.65 |
| 24 | 30.20 | 35.15 | 45.55 | 40.85 | 22.55 | 26.60 | 27.45 | 15.05 | 15.86 | 12.75 | 24.90 | 26.45 |
| 25 | 30.00 | 35.25 | 45.25 | 41.10 | 22.10 | 25.95 | 26.85 | 15.30 | 15.70 | 12.80 | 24.35 | 27.20 |
| 26 | 30.20 | 35.20 | 44.55 | 41.40 | 21.80 | 25.45 | 26.30 | 15.50 | 15.50 | 12.75 | 23.75 | 28.30 |
| 27 | 30.40 | 36.15 | 44.15 | 41.70 | 21.70 | 24.65 | 25.40 | 16.15 | 15.85 | 12.70 | 23.30 | 29.15 |
| 28 | 30.90 | 36.90 | 43.85 | 41.75 | 22.40 | 24.00 | 24.50 | 16.30 | 16.05 | 12.20 | 23.30 | 31.20 |
| 29 | 31.65 | ----- | 43.45 | 41.80 | 22.75 | 23.60 | 23.65 | 16.50 | 16.10 | 12.35 | 23.55 | 34.95 |
| 30 | 32.20 | ----- | 43.30 | 41.70 | 23.60 | 23.30 | 22.50 | 16.65 | 16.25 | 12.85 | 24.10 | 37.85 |
| 31 | 32.65 | ----- | 43.00 | ----- | 24.10 | ----- | 21.40 | 16.95 | ----- | 12.35 | ----- | 40.35 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 32.60 | 32.99 | 44.83 | 40.62 | 30.03 | 28.20 | 24.85 | 17.04 | 16.58 | 14.01 | 17.29 | 26.33 |
| MAX | 38.00 | 36.90 | 48.40 | 42.75 | 41.55 | 32.00 | 28.25 | 20.05 | 18.75 | 17.10 | 25.10 | 40.35 |
| MIN | 30.00 | 30.90 | 37.50 | 39.20 | 21.70 | 23.30 | 21.40 | 15.00 | 15.00 | 12.20 | 12.10 | 22.30 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 27.08.

HIGHEST STAGE WAS 48.40 AT 8:00 A. M. ON MAR 15.

LOWEST STAGE WAS 12.10 ON NOV 6.

DAILY STAGE FOR 1987

OLD RIVER AT TORRAS, LA. (LOCK TAILBAY)

LOCATION. LAT. 31-00-12, LONG. 91-40-25. IN NAVIGATION CHANNEL, ON NORTHWEST SIDE OF LOCK WALL
AT ENTRANCE TO LOCK CHAMBER. THE HEAD OF NAVIGATION CHANNEL IS 304.0 MILES UPSTREAM ON
MISSISSIPPI RIVER FROM HEAD OF PASSES. (STA. 0275011.)

GAGE. WIRE WEIGHT.

DISCHARGE RANGE. 0.8 MILE DOWNSTREAM FROM GAGE.

RECORDS AVAILABLE. STAGE, MAR. 18, 1963, TO DATE. DISCHARGE, 1963 AND 1964.

EXTREMES. HIGHEST, 57.60 FEET ON MAY 14 AND LATER DATES IN 1973. LOWEST, 1.2 FEET ON JULY 16,
1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|
| 1 | 22.80 | 18.60 | 23.05 | 27.20 | 26.00 | 12.30 | 11.00 | 9.10 | 7.10 | 6.60 | 4.90 | 11.80 |
| 2 | 22.15 | 18.45 | 23.55 | 26.30 | 25.85 | 12.20 | 11.35 | 8.30 | 6.95 | 6.20 | 4.80 | 12.60 |
| 3 | 21.90 | 18.25 | 24.40 | 25.55 | 25.65 | 13.15 | 10.80 | 7.80 | 6.25 | 7.25 | 4.85 | 12.35 |
| 4 | 21.35 | 17.65 | 25.65 | 25.40 | 25.20 | 13.25 | 10.60 | 7.50 | 6.15 | 7.15 | 4.40 | 12.10 |
| 5 | 21.30 | 17.40 | 26.80 | 25.70 | 23.80 | 13.70 | 10.85 | 7.80 | 6.40 | 7.20 | 4.50 | 11.50 |
| 6 | 21.55 | 16.95 | 28.25 | 24.70 | 22.80 | 14.65 | 10.65 | 7.70 | 6.90 | 6.85 | 4.85 | 11.05 |
| 7 | 21.35 | 16.60 | 29.35 | 24.85 | 21.80 | 15.35 | 10.50 | 7.35 | 7.00 | 6.30 | 5.00 | 11.40 |
| 8 | 21.35 | 16.55 | 30.40 | 24.70 | 21.15 | 16.20 | 10.70 | 7.25 | 7.30 | 5.90 | 5.05 | 12.20 |
| 9 | 20.50 | 17.25 | 30.80 | 25.05 | 20.05 | 16.60 | 10.75 | 7.35 | 7.95 | 5.90 | 5.20 | 12.80 |
| 10 | 19.00 | 17.60 | 31.30 | 24.85 | 19.15 | 16.90 | 10.55 | 7.10 | 8.00 | 5.85 | 5.20 | 12.30 |
| 11 | 18.20 | 17.70 | 31.95 | 24.55 | 18.40 | 17.40 | 11.00 | 7.50 | 7.95 | 5.80 | 3.65 | 12.60 |
| 12 | 17.70 | 18.00 | 32.30 | 24.10 | 17.25 | 17.30 | 11.00 | 7.50 | 8.00 | 5.40 | 3.65 | 12.90 |
| 13 | 17.45 | 18.30 | 32.55 | 23.75 | 16.05 | 16.80 | 11.45 | 7.45 | 8.00 | 5.20 | 5.10 | 12.55 |
| 14 | 16.70 | 18.10 | 32.75 | 24.45 | 15.95 | 17.45 | 12.10 | 7.30 | 7.70 | 5.25 | 5.05 | 12.40 |
| 15 | 16.45 | 17.90 | 32.65 | 24.30 | 15.40 | 17.25 | 12.50 | 7.55 | 6.95 | 5.00 | 5.65 | 12.35 |
| 16 | 16.65 | 18.85 | 32.85 | 24.30 | 14.55 | 16.85 | 12.60 | 7.45 | 6.75 | 5.00 | 6.20 | 12.10 |
| 17 | 16.10 | 19.80 | 32.55 | 24.00 | 14.25 | 15.75 | 12.70 | 7.40 | 6.60 | 4.65 | 11.60 | 11.95 |
| 18 | 16.05 | 19.40 | 32.70 | 23.85 | 14.00 | 15.05 | 12.15 | 6.65 | 6.70 | 4.35 | 12.30 | 11.70 |
| 19 | 17.15 | 18.65 | 32.55 | 23.75 | 13.85 | 14.85 | 11.75 | 6.60 | 6.75 | 4.25 | 12.65 | 12.10 |
| 20 | 17.50 | 18.55 | 32.00 | 23.35 | 12.85 | 14.45 | 11.65 | 6.60 | 6.90 | 4.90 | 13.10 | 12.40 |
| 21 | 16.75 | 19.25 | 31.60 | 24.30 | 12.15 | 14.80 | 11.95 | 6.50 | 6.70 | 5.25 | 13.75 | 13.25 |
| 22 | 16.35 | 20.15 | 30.90 | 24.60 | 11.50 | 14.45 | 12.30 | 6.00 | 6.35 | 4.70 | 13.95 | 13.10 |
| 23 | 16.15 | 20.10 | 31.00 | 25.00 | 10.90 | 13.55 | 12.40 | 5.85 | 6.15 | 5.10 | 14.45 | 12.90 |
| 24 | 15.75 | 20.65 | 30.10 | 25.45 | 10.30 | 12.95 | 12.45 | 5.90 | 6.00 | 5.10 | 14.05 | 13.15 |
| 25 | 15.70 | 20.40 | 29.80 | 25.90 | 10.65 | 12.80 | 12.50 | 6.55 | 6.80 | 4.95 | 13.90 | 14.30 |
| 26 | 15.70 | 20.55 | 29.65 | 26.20 | 10.20 | 12.50 | 12.40 | 6.70 | 6.35 | 4.20 | 12.95 | 15.35 |
| 27 | 16.10 | 21.50 | 28.90 | 26.00 | 10.15 | 11.90 | 12.50 | 6.80 | 6.60 | 4.70 | 12.35 | 15.55 |
| 28 | 16.75 | 22.85 | 28.30 | 26.15 | 10.55 | 11.90 | 11.35 | 6.55 | 6.30 | 4.25 | 12.50 | 17.70 |
| 29 | 17.75 | ----- | 28.10 | 26.15 | 11.10 | 11.35 | 11.15 | 6.75 | 6.30 | 4.00 | 12.45 | 19.70 |
| 30 | 18.10 | ----- | 27.70 | 26.40 | 11.80 | 11.30 | 10.50 | 6.70 | 6.35 | 5.05 | 12.15 | 22.50 |
| 31 | 18.80 | ----- | 27.55 | ----- | 11.95 | ----- | 9.85 | 7.00 | ----- | 4.95 | ----- | 26.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 18.29 | 18.79 | 29.74 | 25.03 | 16.30 | 14.50 | 11.48 | 7.11 | 6.87 | 5.40 | 8.67 | 13.77 |
| MAX | 22.80 | 22.85 | 32.85 | 27.20 | 26.00 | 17.45 | 12.70 | 9.10 | 8.00 | 7.25 | 14.45 | 26.30 |
| MIN | 15.70 | 16.55 | 23.05 | 23.35 | 10.15 | 11.30 | 9.85 | 5.85 | 6.00 | 4.00 | 3.65 | 11.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 14.64.

HIGHEST STAGE WAS 32.85 AT 8:00 A.M. ON MAR 16.

LOWEST STAGE WAS 3.65 ON NOV 11 AND LATER DATE(S).

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT BARBRE LANDING, LA.

LOCATION. LAT. 31-00-48, LONG. 91-44-25. ON LEFT BANK OF OLD RIVER OPPOSITE MOUTH OF RED RIVER,
AND AT HEAD OF ATCHAFALAYA RIVER. (STA. 0301511.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. GAGE USUALLY READ BETWEEN SEVEN AND NINE A.M. DRAINAGE AREA NOT DETERMINED.
BANKFULL STAGE, 48 FEET. MEAN LOW WATER STAGE, 7.1 FEET. STAGE IS AFFECTED BY THE DIVERSION OF
WATER FROM MISSISSIPPI RIVER THROUGH OLD RIVER OUTFLOW CHANNEL. ON MAY 23, 1975 GAGE WAS
LOWERED 3.81 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 22 WERE CORRECTED TO
NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS 3.81 FEET NGVD.

RECORDS AVAILABLE. STAGE, JUNE 15, 1880, TO DATE. DISCHARGE, 1851, 1858, 1873, 1879, TO 1882,
AND 1885.

EXTREMES. HIGHEST, 61.51 FEET ON MAY 14, 1927. LOWEST, 0.96 FOOT ON JULY 16, 1964. EXTREMES HAVE
BEEN ADJUSTED TO NGVD.

DAILY STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|---------|---------|
| 1 | E 22.40 | E 18.45 | E 23.00 | 27.10 | 26.00 | 11.70 | 10.90 | E 8.70 | 6.80 | 6.55 | E 4.85 | 12.10 |
| 2 | E 22.05 | 18.30 | 23.80 | 26.35 | E 25.70 | 12.25 | 11.20 | E 8.10 | 6.55 | 6.90 | 4.75 | 12.45 |
| 3 | E 21.55 | 18.15 | 24.35 | 25.55 | E 25.60 | 12.90 | E 10.85 | 7.60 | 6.20 | E 7.45 | 5.00 | 12.50 |
| 4 | E 21.15 | 17.70 | 25.65 | E 25.55 | 24.95 | 13.10 | E 10.65 | 7.20 | 6.05 | E 7.15 | 4.70 | 11.95 |
| 5 | 21.15 | 17.20 | 26.90 | E 25.25 | 23.20 | 13.75 | E 10.60 | 7.55 | E 6.40 | 6.95 | 4.85 | E 11.60 |
| 6 | 21.40 | 16.70 | 28.40 | 24.60 | 22.60 | E 14.85 | 10.50 | E 8.35 | E 6.80 | 6.80 | 4.75 | E 11.10 |
| 7 | 21.20 | E 16.50 | E 29.45 | 24.80 | 21.90 | E 15.65 | 10.60 | 7.05 | E 7.10 | 6.30 | E 5.10 | 11.50 |
| 8 | 21.30 | E 16.60 | E 30.15 | 24.50 | 21.25 | 16.30 | 10.60 | E 7.10 | 7.40 | 6.05 | E 5.20 | 12.50 |
| 9 | 20.30 | 16.85 | 31.00 | 24.80 | E 20.50 | 16.50 | 10.50 | E 7.20 | 7.80 | 6.10 | 5.40 | 12.70 |
| 10 | E 19.00 | 17.50 | 31.45 | 24.80 | E 19.20 | 16.60 | 10.55 | 7.20 | 8.15 | E 5.90 | 5.25 | 12.40 |
| 11 | E 18.40 | 17.70 | 31.95 | E 24.50 | 18.55 | 17.20 | E 11.00 | 7.35 | 8.10 | E 5.90 | 3.90 | 12.50 |
| 12 | 17.60 | 17.80 | 32.30 | E 24.10 | 17.20 | 16.80 | E 11.15 | 7.30 | E 8.05 | E 5.50 | 3.95 | E 12.80 |
| 13 | 17.20 | 18.00 | 32.50 | 23.85 | 16.00 | E 16.70 | 11.45 | 7.20 | E 7.95 | 5.20 | 5.25 | E 12.60 |
| 14 | 16.60 | 18.00 | E 32.85 | 24.40 | 15.70 | E 17.30 | 12.20 | 7.30 | 7.65 | 5.30 | E 5.60 | 12.40 |
| 15 | 16.40 | E 18.00 | E 32.65 | 24.20 | 15.20 | 17.00 | 12.35 | E 7.20 | 6.85 | 5.10 | E 5.95 | 12.50 |
| 16 | 16.50 | E 18.90 | 32.70 | 24.20 | E 14.55 | 16.50 | 12.55 | E 7.10 | 6.65 | 4.95 | 6.90 | 12.10 |
| 17 | E 15.80 | 19.70 | 32.55 | 24.00 | E 14.20 | 15.45 | 12.35 | 7.00 | 6.70 | E 4.60 | 11.90 | 10.35 |
| 18 | E 16.35 | 19.05 | 32.55 | E 23.70 | 14.00 | 14.75 | E 12.00 | 6.20 | 6.60 | E 4.45 | 12.30 | 11.75 |
| 19 | E 17.30 | 18.45 | 32.60 | E 23.30 | 13.60 | 14.50 | E 11.75 | 6.20 | E 6.80 | 4.35 | 13.00 | E 12.35 |
| 20 | 17.40 | 18.00 | 31.90 | 23.30 | 12.60 | E 14.50 | 11.55 | 6.20 | E 7.00 | 5.00 | 13.00 | E 12.70 |
| 21 | 16.50 | E 19.30 | E 31.50 | 24.35 | 11.90 | E 14.35 | 11.85 | 5.80 | 6.90 | 5.00 | E 13.50 | 13.25 |
| 22 | 15.90 | E 20.40 | E 31.00 | 24.60 | 11.30 | 14.30 | 11.80 | E 5.70 | 6.45 | 4.85 | E 13.95 | 13.25 |
| 23 | 15.80 | 20.50 | 30.80 | 24.80 | E 10.80 | 13.30 | 12.30 | E 5.60 | 6.05 | 5.50 | 14.35 | 13.05 |
| 24 | E 15.60 | 20.50 | 30.50 | 25.70 | E 10.35 | 12.80 | 12.40 | 5.55 | 6.30 | 5.40 | 13.90 | 13.20 |
| 25 | E 15.60 | 20.25 | 30.15 | E 25.80 | E 10.55 | 12.75 | E 12.45 | 6.20 | 6.70 | 5.35 | 13.45 | E 14.40 |
| 26 | 15.30 | 20.40 | 29.65 | E 25.90 | 10.15 | 12.25 | E 12.25 | 6.30 | E 6.50 | 5.35 | E 13.00 | E 15.20 |
| 27 | 16.05 | 21.45 | 28.85 | 26.00 | 10.05 | E 12.00 | 12.30 | 6.30 | E 6.70 | 4.90 | E 12.50 | E 15.90 |
| 28 | 16.80 | E 22.45 | E 28.30 | 25.90 | 10.60 | E 11.70 | 11.30 | 6.35 | 6.50 | 4.20 | E 12.40 | 18.45 |
| 29 | 17.45 | ----- | E 27.95 | 26.20 | 10.85 | 11.40 | 10.95 | E 6.60 | 6.45 | 4.60 | E 12.40 | 20.00 |
| 30 | 17.95 | ----- | 27.60 | 26.10 | 11.45 | 11.20 | 10.40 | E 6.70 | 6.50 | 5.20 | 12.25 | 23.00 |
| 31 | E 18.50 | ----- | 27.55 | ----- | E 11.60 | ----- | 9.85 | 6.80 | ----- | E 5.00 | ----- | 26.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 18.15 | 18.67 | 29.76 | 24.94 | 16.20 | 14.34 | 11.39 | 6.87 | 6.89 | 5.54 | 8.78 | 13.83 |
| MAX | 22.40 | 22.45 | 32.85 | 27.10 | 26.00 | 17.30 | 12.55 | 8.70 | 8.15 | 7.45 | 14.35 | 26.20 |
| MIN | 15.30 | 16.50 | 23.00 | 23.30 | 10.05 | 11.20 | 9.85 | 5.55 | 6.05 | 4.20 | 3.90 | 10.35 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 14.59.

HIGHEST STAGE WAS 32.85 ON MAR 14.

LOWEST STAGE WAS 3.90 ON NOV 11.

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT SIMMESPORT, LA.

LOCATION. LAT. 30-58-57, LONG. 91-47-54. ON KANSAS CITY SOUTHERN RAILWAY BRIDGE NEAR RIGHT BANK. 4.9 MILES DOWNSTREAM FROM HEAD OF RIVER. THE HEAD OF ATCHAFALAYA RIVER IS AT THE CONFLUENCE OF RED AND LOWER OLD RIVERS. (STA. 03045128.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

DISCHARGE RANGE. ABOUT THREE AND A HALF MILES DOWNSTREAM FROM BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, NOT INCLUDING MISSISSIPPI RIVER, ABOUT 87,570 SQUARE MILES (CONTRIBUTING). BANKFULL STAGE, 46 FEET. MEAN LOW WATER STAGE, 6.9 FEET. THE DISCHARGE IS COMPOSED OF RED RIVER FLOW AND CONTROLLED DIVERSION OF THE MISSISSIPPI RIVER (MILE 314.6) THROUGH OLD RIVER OUTFLOW CHANNEL. ON MAY 28, 1975 GAGE WAS LOWERED 4.84 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 27 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS 5.73 FEET, NGVD.

RECORDS AVAILABLE. STAGE, MAY 1, 1887, TO MAY 15, 1892, AND DEC. 1, 1903, TO DATE (NO RECORD OF STAGES BELOW 30 FEET FROM JAN. 16, 1915, TO NOV. 1919, AND BELOW 34 FEET FROM DEC. 1919 TO 1927). ZERO OF GAGE PRIOR TO DEC. 1904 WAS 3.81 FEET, NGVD. DISCHARGE, 1851 INTERMITTENTLY TO DATE. COMPUTED DAILY, SINCE 1928.

EXTREMES. HIGHEST, 59.13 FEET ON MAY 16, 1927. LOWEST, 0.70 FOOT ON OCT. 17, 1976. MAXIMUM, 781,000 CFS OBSERVED ON MAY 12, 1973 (STAGE 54.43 NGVD). MINIMUM, 10,500 CFS COMPUTED FOR JUNE 24, 1964 (STAGE, 1.41 NGVD). EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1966 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|
| 1 | 20.75 | 16.74 | 21.15 | 25.10 | 23.95 | 10.20 | 9.42 | 7.35 | 5.79 | 5.22 | 3.67 | 10.48 |
| 2 | 20.25 | 16.58 | 21.80 | 24.55 | 23.70 | 10.70 | 9.58 | 6.92 | 5.59 | 5.71 | 3.59 | 10.83 |
| 3 | 19.75 | 16.48 | 22.40 | 23.80 | 23.45 | 11.30 | 9.20 | 6.48 | 5.09 | 6.15 | 3.77 | 10.87 |
| 4 | 19.36 | 16.00 | 23.60 | 23.80 | 22.95 | 11.50 | 9.15 | 6.23 | 5.01 | 5.77 | 3.42 | 10.44 |
| 5 | 19.43 | 15.52 | 24.85 | 23.40 | 21.18 | 12.10 | 9.22 | 6.40 | 5.31 | 5.80 | 3.81 | 10.16 |
| 6 | 19.64 | 14.95 | 26.30 | 22.80 | 20.50 | 13.00 | 9.10 | 6.31 | 5.56 | 5.38 | 3.40 | 9.54 |
| 7 | 19.60 | 14.80 | 27.30 | 23.05 | 19.97 | 13.88 | 9.15 | 5.99 | 5.81 | 4.89 | 3.72 | 9.98 |
| 8 | 19.45 | 14.85 | 28.00 | 22.73 | 19.10 | 14.53 | 9.18 | 5.94 | 6.01 | 4.79 | 4.03 | 10.71 |
| 9 | 18.50 | 15.22 | 28.80 | 22.99 | 18.30 | 14.63 | 9.00 | 6.00 | 6.40 | 4.89 | 4.29 | 11.09 |
| 10 | 17.20 | 15.72 | 29.30 | 23.00 | 17.12 | 14.83 | 9.08 | 6.00 | 6.70 | 4.68 | 4.09 | 10.78 |
| 11 | 16.54 | 15.90 | 29.75 | 22.70 | 16.53 | 15.48 | 9.42 | 6.18 | 6.68 | 4.62 | 2.42 | 10.95 |
| 12 | 16.00 | 16.10 | 29.25 | 22.32 | 15.50 | 15.20 | 9.60 | 6.16 | 6.66 | 4.19 | 2.52 | 11.32 |
| 13 | 15.60 | 16.22 | 30.15 | 22.10 | 14.38 | 15.00 | 9.90 | 6.12 | 6.60 | 3.95 | 3.90 | 11.09 |
| 14 | 15.10 | 16.22 | 30.50 | 22.60 | 15.20 | 15.55 | 10.67 | 6.17 | 6.31 | 4.26 | 4.22 | 10.78 |
| 15 | 14.85 | 16.20 | 30.35 | 22.39 | 13.53 | 15.30 | 10.88 | 6.22 | 5.65 | 3.88 | 4.60 | 10.89 |
| 16 | 14.88 | 16.96 | 30.40 | 22.30 | 12.95 | 14.88 | 11.00 | 6.19 | 5.50 | 3.75 | 5.60 | 10.56 |
| 17 | 14.18 | 17.78 | 30.28 | 22.15 | 12.60 | 13.90 | 10.72 | 5.93 | 5.42 | 3.40 | 10.50 | 10.40 |
| 18 | 14.80 | 17.30 | 30.25 | 21.90 | 12.42 | 13.15 | 10.47 | 5.26 | 5.40 | 3.17 | 10.60 | 10.17 |
| 19 | 15.76 | 16.80 | 30.30 | 21.49 | 11.98 | 12.90 | 10.23 | 5.27 | 5.47 | 3.23 | 11.32 | 10.61 |
| 20 | 15.80 | 16.28 | 29.65 | 21.55 | 11.17 | 12.95 | 10.05 | 5.20 | 5.53 | 3.80 | 11.50 | 10.99 |
| 21 | 14.95 | 17.56 | 29.30 | 22.30 | 10.42 | 12.92 | 10.29 | 4.88 | 5.34 | 3.69 | 11.98 | 11.60 |
| 22 | 14.40 | 18.63 | 28.95 | 22.58 | 9.89 | 12.70 | 10.29 | 4.77 | 5.10 | 3.50 | 12.43 | 11.44 |
| 23 | 14.30 | 18.68 | 28.68 | 22.75 | 9.30 | 11.82 | 10.72 | 4.67 | 4.80 | 4.22 | 12.50 | 11.40 |
| 24 | 14.20 | 18.82 | 28.40 | 23.65 | 8.98 | 11.33 | 10.80 | 4.61 | 5.00 | 4.08 | 12.10 | 11.65 |
| 25 | 14.20 | 18.61 | 28.10 | 24.00 | 9.20 | 11.10 | 10.90 | 5.22 | 5.49 | 4.09 | 11.75 | 12.90 |
| 26 | 13.90 | 18.76 | 27.65 | 24.13 | 8.80 | 10.70 | 10.70 | 5.37 | 5.10 | 4.10 | 11.20 | 13.62 |
| 27 | 14.55 | 19.78 | 26.95 | 24.00 | 8.70 | 10.45 | 10.69 | 5.30 | 5.36 | 3.62 | 10.77 | 14.35 |
| 28 | 15.15 | 20.70 | 26.48 | 23.98 | 9.09 | 10.20 | 9.80 | 5.35 | 5.28 | 2.90 | 10.90 | 16.70 |
| 29 | 15.70 | ----- | 26.10 | 24.20 | 9.48 | 10.00 | 9.40 | 5.56 | 5.10 | 3.40 | 10.74 | 18.23 |
| 30 | 16.25 | ----- | 25.73 | 24.10 | 9.90 | 9.65 | 8.91 | 5.62 | 5.22 | 3.99 | 10.50 | 21.00 |
| 31 | 16.80 | ----- | 25.65 | ----- | 10.08 | ----- | 8.39 | 5.72 | ----- | 3.70 | ----- | 24.18 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 16.51 | 16.93 | 27.62 | 23.08 | 14.53 | 12.73 | 9.87 | 5.79 | 5.61 | 4.28 | 7.33 | 12.26 |
| MAX | 20.75 | 20.70 | 30.50 | 25.10 | 23.95 | 15.55 | 11.00 | 7.35 | 6.70 | 6.15 | 12.50 | 24.18 |
| MIN | 13.90 | 14.80 | 21.15 | 21.49 | 8.70 | 9.65 | 8.39 | 4.61 | 4.80 | 2.90 | 2.42 | 9.54 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 13.02

HIGHEST STAGE WAS 30.50 AT 6:30 A.M. ON MAR 14 AND LATER DATE(S).

LOWEST STAGE WAS 2.30 ON NOV 11.

DAILY DISCHARGE FOR 1987

ATCHAFALAYA RIVER AT SIMMESPORT, LA --CONTINUED

COMPUTED DAILY DISCHARGE IN THOUSANDS CUBIC FEET PER SECOND

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 259 | 212 | 262 | 325 | 310 | 138 | 129 | 107 | 88 | 83 | 64 | 142 |
| 2 | 256 | 210 | 271 | 317 | 306 | 143 | 132 | 102 | 86 | 88 | 63 | 145 |
| 3 | 246 | 209 | 277 | 308 | 304 | 151 | 128 | 97 | 81 | 93 | 66 | 145 |
| 4 | 242 | 203 | 293 | 308 | 295 | 152 | 127 | 94 | 79 | 91 | 62 | 141 |
| 5 | 242 | 199 | 308 | 303 | 272 | 159 | 127 | 96 | 83 | 89 | 66 | 137 |
| 6 | 244 | 192 | 327 | 293 | 263 | 170 | 127 | 95 | 86 | 85 | 62 | 130 |
| 7 | 243 | 191 | 341 | 297 | 254 | 178 | 127 | 92 | 90 | 79 | 66 | 135 |
| 8 | 243 | 192 | 350 | 293 | 246 | 187 | 127 | 92 | 92 | 78 | 68 | 143 |
| 9 | 232 | 195 | 363 | 295 | 235 | 188 | 126 | 92 | 97 | 78 | 73 | 147 |
| 10 | 218 | 201 | 387 | 296 | 220 | 190 | 126 | 92 | 98 | 76 | 71 | 144 |
| 11 | 212 | 203 | 406 | 292 | 209 | 196 | 130 | 94 | 99 | 76 | 52 | 146 |
| 12 | 203 | 206 | 411 | 287 | 198 | 193 | 132 | 94 | 99 | 71 | 52 | 150 |
| 13 | 198 | 208 | 414 | 283 | 187 | 192 | 135 | 94 | 98 | 67 | 68 | 147 |
| 14 | 193 | 208 | 419 | 290 | 183 | 198 | 143 | 94 | 95 | 70 | 73 | 144 |
| 15 | 191 | 207 | 416 | 289 | 177 | 195 | 146 | 94 | 88 | 66 | 77 | 145 |
| 16 | 191 | 216 | 417 | 287 | 171 | 191 | 147 | 93 | 86 | 64 | 88 | 142 |
| 17 | 183 | 223 | 414 | 285 | 167 | 181 | 145 | 92 | 84 | 61 | 139 | 140 |
| 18 | 189 | 219 | 414 | 282 | 164 | 173 | 142 | 83 | 84 | 60 | 142 | 137 |
| 19 | 200 | 212 | 415 | 277 | 159 | 168 | 139 | 83 | 85 | 58 | 150 | 143 |
| 20 | 201 | 208 | 404 | 277 | 150 | 169 | 137 | 82 | 87 | 65 | 152 | 146 |
| 21 | 192 | 221 | 399 | 288 | 142 | 167 | 139 | 78 | 83 | 65 | 158 | 153 |
| 22 | 186 | 233 | 393 | 292 | 136 | 167 | 139 | 77 | 81 | 63 | 164 | 153 |
| 23 | 185 | 234 | 390 | 293 | 130 | 157 | 145 | 76 | 78 | 71 | 164 | 151 |
| 24 | 183 | 236 | 386 | 306 | 125 | 151 | 146 | 75 | 80 | 70 | 161 | 154 |
| 25 | 183 | 232 | 382 | 308 | 127 | 149 | 146 | 82 | 85 | 70 | 156 | 169 |
| 26 | 180 | 235 | 374 | 309 | 123 | 144 | 143 | 83 | 82 | 70 | 150 | 176 |
| 27 | 187 | 246 | 363 | 311 | 122 | 142 | 145 | 83 | 84 | 64 | 145 | 183 |
| 28 | 194 | 257 | 357 | 310 | 126 | 138 | 135 | 84 | 83 | 56 | 147 | 210 |
| 29 | 200 | ----- | 352 | 313 | 130 | 136 | 131 | 87 | 81 | 62 | 145 | 233 |
| 30 | 207 | ----- | 346 | 312 | 136 | 132 | 124 | 87 | 83 | 68 | 142 | 273 |
| 31 | 212 | ----- | 343 | ----- | 137 | ----- | 118 | 88 | ----- | 65 | ----- | 322 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| MEAN | 210 | 215 | 368 | 298 | 190 | 167 | 135 | 89 | 87 | 72 | 106 | 162 |
| MAX | 259 | 257 | 419 | 325 | 310 | 198 | 147 | 107 | 99 | 93 | 164 | 322 |
| MIN | 180 | 191 | 262 | 277 | 122 | 132 | 118 | 75 | 78 | 56 | 52 | 130 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

TOTAL FOR YEAR WAS 63,875,000 CFS.

THE MEAN DISCHARGE FOR THE YEAR WAS 175,000 CFS

MAXIMUM DAILY DISCHARGE WAS 419,000 CFS ON MAR 14

MINIMUM DAILY DISCHARGE WAS 52,000 CFS ON NOV 11 THRU 12

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT MELVILLE, LA.

LOCATION. LAT. 30-41-26. LONG. 91-44-10. TEXAS AND PACIFIC RAILROAD BRIDGE AT MILE 29.5. FROM
HEAD. (STA. 03060128.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. DRAINAGE AREA NOT DETERMINED. BANKFULL STAGE, 41 FEET. MEAN LOW WATER STAGE
6.3 FEET. ON MAY 22, 1975 GAGE WAS RAISED 0.12 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND
NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 21 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE
ZERO WAS 0.18 FOOT. NGVD.

RECORDS AVAILABLE. STAGE, 1885 TO DATE.

EXTREMES. HIGHEST, 46.98 FEET ON MAY 14 TO 16, 1927. LOWEST, 0.80 FOOT ON JAN. 19, 1981.
EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|---------|-------|--------|-------|--------|------|--------|------|--------|-------|
| 1 | 16.88 | 12.88 | 16.90 | 20.10 | 18.80 | 7.50 | 6.80 | 5.00 | 4.10 | 3.30 | 2.70 | 7.60 |
| 2 | 16.38 | 12.78 | 17.40 | 19.70 | 18.60 | 7.90 | 6.90 | 4.60 | 4.00 | 3.90 | 2.60 | 7.80 |
| 3 | 15.98 | 12.78 | 17.80 | 19.10 | 18.60 | 8.30 | 6.70 | 4.30 | 3.50 | 4.10 | 2.70 | 7.90 |
| 4 | 15.68 | 12.48 | 18.80 | 18.90 | 18.10 | 8.40 | 6.60 | 4.10 | 3.50 | 3.70 | 2.60 E | 7.70 |
| 5 | 15.58 | 12.18 | 19.70 | 18.70 | 17.00 | 8.70 | 6.60 E | 4.20 | 3.70 | 3.70 | 3.00 | 7.40 |
| 6 | 15.68 | 11.68 | 20.80 | 18.40 | 16.30 | 9.40 | 6.50 | 4.20 | 3.80 | 3.60 | 2.50 | 7.00 |
| 7 | 15.58 | 11.58 | 21.60 | 18.30 | 15.60 | 10.10 | 6.50 | 3.90 | 4.00 | 3.20 | 2.90 | 7.30 |
| 8 | 15.48 | 11.38 | 22.30 | 18.00 | 15.10 | 10.70 | 6.60 | 4.00 | 4.20 | 3.20 | 3.20 | 7.80 |
| 9 | 14.48 | 11.68 | 22.90 | 18.20 | 14.70 | 10.90 | 6.50 | 4.00 | 4.30 | 3.40 | 3.50 | 8.20 |
| 10 | 13.68 | 11.98 | 23.30 | 18.20 | 13.60 | 11.10 | 6.40 | 4.20 | 4.60 | 3.20 | 3.40 | 7.90 |
| 11 | 13.28 | 12.18 | 23.70 | 18.00 | 13.20 | 11.50 | 6.70 | 4.40 | 4.60 | 3.20 | 1.40 | 8.10 |
| 12 | 12.68 | 12.38 | 23.90 | 17.70 | 12.40 | 11.40 | 6.90 | 4.30 | 4.60 | 2.80 | 1.60 | 8.30 |
| 13 | 12.18 | 12.48 | 24.10 | 17.50 | 11.50 | 11.20 | 7.00 | 4.20 | 4.60 E | 2.70 | 2.80 | 8.20 |
| 14 | 11.78 | 12.58 | 24.40 | 17.90 | 11.40 | 11.70 | 7.60 | 4.20 | 4.50 | 2.90 | 3.00 | 8.00 |
| 15 | 11.78 | 12.48 | 24.40 | 17.80 | 10.80 | 11.60 | 7.70 | 4.30 | 3.90 | 2.80 | 3.30 | 8.10 |
| 16 | 11.58 | 12.98 | 24.40 | 17.70 | 10.20 | 11.30 | 7.80 | 4.20 | 3.90 | 2.70 | 4.20 | 7.70 |
| 17 | 11.18 | 13.58 | 24.30 | 17.60 | 9.90 | 10.60 | 7.70 | 4.20 | 3.80 | 2.50 | 7.00 | 7.40 |
| 18 | 11.48 | 13.38 | 24.20 | 17.40 | 9.70 | 10.00 | 7.50 | 3.60 | 3.60 | 2.20 | 7.50 | 7.30 |
| 19 | 12.18 | 12.98 | 24.30 | 17.10 | 9.40 E | 9.70 | 7.30 | 3.50 | 3.70 | 2.30 | 8.10 | 7.70 |
| 20 | 12.28 | 12.68 | 23.90 | 17.10 | 8.80 E | 9.80 | 7.20 | 3.50 | 3.60 | 2.70 | 8.30 | 8.00 |
| 21 | 11.78 | 13.48 | 23.60 E | 17.70 | 8.20 E | 9.60 | 7.40 | 3.20 | 3.50 | 2.70 | 8.60 | 8.40 |
| 22 | 11.28 | 14.38 | 23.30 | 17.80 | 7.80 E | 9.60 | 7.40 | 3.10 | 3.40 | 2.30 | 9.00 | 8.50 |
| 23 | 11.08 | 14.58 | 23.10 | 17.90 | 6.90 | 8.80 | 7.70 | 3.00 | 3.10 | 3.00 | 9.20 | 8.40 |
| 24 | 10.98 | 14.78 | 22.90 | 18.50 | 6.50 | 8.40 | 7.90 | 3.00 | 3.30 | 3.10 | 9.00 | 8.60 |
| 25 | 11.08 | 14.58 | 22.70 | 18.80 | 6.60 | 8.20 | 7.90 | 3.40 | 3.70 | 3.10 | 8.90 | 9.40 |
| 26 | 10.88 | 14.68 | 22.30 | 18.90 | 6.50 | 7.90 | 7.80 | 3.50 | 3.60 | 3.20 | 8.50 | 10.10 |
| 27 | 11.18 | 16.30 | 21.70 | 18.80 | 6.40 | 7.60 | 7.70 | 3.70 | 3.80 | 2.90 | 8.00 | 10.60 |
| 28 | 11.58 | 16.60 | 21.30 | 18.80 | 6.70 | 7.40 | 7.10 | 3.60 | 3.80 | 2.00 | 7.90 | 11.80 |
| 29 | 11.98 | ----- | 21.00 | 19.00 | 7.00 | 7.20 | 6.80 | 3.70 | 3.60 | 2.60 | 7.80 | 13.70 |
| 30 | 12.48 | ----- | 20.70 | 18.90 | 7.40 | 7.00 | 6.40 | 3.80 | 3.50 | 3.00 | 7.70 | 15.90 |
| 31 | 12.78 | ----- | 20.50 | ----- | 7.50 | ----- | 5.70 | 3.80 | ----- | 2.70 | ----- | 18.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|
| MEAN | 13.00 | 13.16 | 22.14 | 18.28 | 11.33 | 9.45 | 7.07 | 3.90 | 3.86 | 2.99 | 5.36 | 9.02 |
| MAX | 16.88 | 16.60 | 24.40 | 20.10 | 18.80 | 11.70 | 7.90 | 5.00 | 4.60 | 4.10 | 9.20 | 18.70 |
| MIN | 10.88 | 11.38 | 16.90 | 17.10 | 6.40 | 7.00 | 5.70 | 3.00 | 3.10 | 2.00 | 1.40 | 7.00 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 9.95

HIGHEST STAGE WAS 24.40 ON MAR 14 AND LATER DATE(S)

LOWEST STAGE WAS 1.40 ON NOV 11

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT KROTZ SPRINGS, LA.

LOCATION. LAT. 30-32-07, LONG. 91-44-48. ON RIGHT BANK AT TENNECO OIL COMPANY WHARF, MILE 41.3, FROM HEAD AND 1,000 FEET DOWNSTREAM FROM MISSOURI PACIFIC RAILROAD BRIDGE. (STA. 03075128.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. DRAINAGE AREA NOT DETERMINED. BANKFULL STAGE. 37 FEET. MEAN LOW WATER STAGE. 8.1 FEET. ZERO OF GAGE, FROM 1935 THRU 1943 AND 1950 WAS MINUS 20.00 FEET, NGVD, 1944 THRU 1949 MINUS 0.03 FOOT, NGVD, 1951 TO DATE ZERO, NGVD. ON MAY 23, 1975 GAGE WAS RAISED 0.47 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGE FROM JAN. 1 THRU MAY 22 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. STAGE, 1912 TO DATE. DISCHARGE, OCT. 1934 TO SEPT. 1964 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 38.5 FEET ON MAY 15, 1927. LOWEST, 0.90 FOOT ON OCT. 18, 1976.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 14.95 | 11.47 | 14.90 | 17.70 | 16.48 | 6.39 | 5.92 | 4.41 | 3.70 | 3.43 | 2.60 | 6.75 |
| 2 | 14.45 | 11.44 | 15.30 | 17.30 | 16.29 | 6.70 | 6.08 | 4.12 | 3.61 | 3.60 | 2.50 | 6.93 |
| 3 | 14.05 | 11.30 | 15.57 | 16.90 | 16.26 | 7.10 | 5.89 | 3.95 | 3.20 | 3.90 | 2.60 | 7.07 |
| 4 | 13.85 | 11.03 | 16.35 | 16.70 | 15.82 | 7.19 | 5.74 | 3.87 | 3.26 | 3.50 | 2.43 | 6.91 |
| 5 | 13.65 | 10.73 | 17.15 | 16.50 | 14.78 | 7.50 | 5.80 | 4.05 | 3.33 | 3.40 | 2.78 | 6.61 |
| 6 | 13.78 | 10.35 | 18.35 | 16.20 | 14.25 | 8.10 | 5.76 | 3.99 | 3.59 | 3.50 | 2.19 | 6.35 |
| 7 | 13.75 | 10.18 | 19.02 | 16.10 | 13.70 | 8.79 | 5.80 | 3.80 | 3.65 | 3.10 | 2.71 | 6.65 |
| 8 | 13.65 | 10.07 | 19.57 | 15.90 | 13.20 | 9.29 | 5.90 | 3.76 | 3.67 | 3.20 | 3.08 | 7.00 |
| 9 | 13.08 | 10.32 | 20.07 | 16.00 | 12.63 | 9.43 | 5.73 | 3.68 | 3.78 | 3.20 | 3.25 | 7.33 |
| 10 | 12.25 | 10.63 | 20.45 | 16.00 | 11.73 | 9.58 | 5.68 | 4.11 | 3.95 | 3.20 | 3.04 | 7.08 |
| 11 | 11.65 | 10.73 | 20.74 | 15.80 | 11.32 | 9.93 | 5.82 | 4.00 | 4.14 | 3.20 | 1.29 | 7.19 |
| 12 | 11.20 | 10.85 | 20.92 | 15.50 | 10.62 | 9.88 | 5.91 | 3.93 | 4.06 | 2.80 | 1.48 | 7.39 |
| 13 | 10.88 | 11.02 | 21.10 | 15.35 | 9.90 | 9.71 | 6.10 | 3.80 | 3.97 | 2.08 | 2.50 | 7.23 |
| 14 | 10.50 | 11.03 | 21.35 | 15.70 | 9.60 | 10.20 | 6.49 | 3.82 | 3.99 | 2.67 | 2.78 | 7.09 |
| 15 | 10.33 | 10.97 | 21.35 | 15.60 | 9.20 | 10.10 | 6.65 | 3.79 | 3.48 | 2.64 | 3.10 | 7.29 |
| 16 | 10.35 | 11.45 | 21.50 | 15.50 | 8.62 | 9.78 | 6.70 | 3.89 | 3.72 | 2.58 | 3.95 | 6.80 |
| 17 | 9.95 | 12.00 | 21.40 | 15.30 | 8.35 | 9.20 | 6.60 | 3.80 | 3.72 | 2.39 | 6.50 | 6.62 |
| 18 | 10.33 | 11.77 | 21.39 | 15.20 | 8.16 | 8.74 | 6.50 | 3.39 | 3.57 | 2.10 | 6.89 | 6.50 |
| 19 | 10.85 | 11.43 | 21.35 | 14.95 | 7.83 | 8.50 | 6.38 | 3.30 | 3.64 | 2.22 | 7.30 | 6.74 |
| 20 | 10.87 | 11.15 | 20.90 | 14.93 | 7.36 | 8.47 | 6.31 | 3.31 | 3.45 | 2.50 | 7.40 | 7.13 |
| 21 | 10.40 | 11.85 | 20.68 | 15.44 | 6.80 | 8.41 | 6.42 | 3.11 | 3.50 | 2.01 | 7.69 | 7.48 |
| 22 | 10.05 | 12.67 | 20.45 | 15.61 | 6.41 | 8.31 | 6.42 | 2.91 | 3.41 | 2.12 | 8.05 | 7.58 |
| 23 | 9.85 | 12.85 | 20.30 | 15.70 | 6.00 | 7.80 | 6.71 | 2.88 | 3.01 | 2.70 | 8.15 | 7.39 |
| 24 | 9.75 | 13.07 | 20.19 | 16.25 | 5.80 | 7.39 | 6.80 | 2.80 | 3.35 | 2.66 | 7.96 | 7.55 |
| 25 | 9.83 | 12.95 | 20.00 | 16.55 | 5.82 | 7.20 | 6.81 | 3.09 | 3.73 | 2.78 | 7.90 | 8.29 |
| 26 | 9.58 | 13.05 | 19.62 | 16.60 | 5.63 | 6.84 | 6.71 | 3.27 | 3.65 | 2.95 | 7.54 | 8.84 |
| 27 | 9.91 | 13.85 | 19.12 | 16.50 | 5.58 | 6.59 | 6.70 | 3.23 | 3.92 | 2.62 | 7.13 | 9.32 |
| 28 | 10.36 F | 14.74 | 18.80 | 16.47 | 5.80 | 6.39 | 6.11 | 3.23 | 3.55 | 1.99 | 7.05 | 10.71 |
| 29 | 10.73 | ----- | 18.60 | 16.64 | 6.08 | 6.29 | 5.91 | 3.32 | 3.72 | 2.60 | 6.95 | 11.91 |
| 30 | 11.15 | ----- | 18.33 | 16.58 | 6.30 | 6.10 | 5.46 | 3.43 | 3.50 | 2.90 | 6.87 | 14.00 |
| 31 | 11.45 | ----- | 18.18 | ----- | 6.38 | ----- | 5.07 | 3.56 | ----- | 2.70 | ----- | 16.31 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|
| MEAN | 11.53 | 11.61 | 19.45 | 16.05 | 9.76 | 8.20 | 6.16 | 3.60 | 3.63 | 2.81 | 4.86 | 8.00 |
| MAX | 14.95 | 14.74 | 21.50 | 17.70 | 16.48 | 10.20 | 6.81 | 4.41 | 4.14 | 3.90 | 8.15 | 16.31 |
| MIN | 9.58 | 10.07 | 14.90 | 14.93 | 5.58 | 6.10 | 5.07 | 2.80 | 3.01 | 1.99 | 1.29 | 6.35 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.79.

HIGHEST STAGE WAS 21.70 AT 5:00 P. M. ON MAR 17.

LOWEST STAGE WAS 1.15 ON NOV 11.

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT ATCHAFALAYA, LA.

LOCATION. LAT. 30-20-46, LONG. 91-43-18. ON RIGHT BANK AT MILE 59.3, FROM HEAD, NEAR ABANDONED SOUTHERN PACIFIC RAILROAD BRIDGE. (STA. 0309012D.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA NOT DETERMINED. BANKFULL STAGE, 28 FEET. MEAN LOW WATER STAGE, 5.6 FEET. ON SEP. 23, 1975 GAGE WAS RAISED 0.71 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 22 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 0.16 FOOT, NGVD.

RECORDS AVAILABLE. STAGE, JAN. 1, 1931, TO DATE. FROM FEB. 1951 TO DEC. 1958, GAGE WAS ABOUT 0.8 MILE UPSTREAM. DISCHARGE, INTERMITTENTLY, 1945 TO 1950 AND 1955 TO DATE.

EXTREMES. HIGHEST, 30.22 FEET ON MAY 5, 1950. LOWEST, 0.40 FOOT ON JAN. 17, 1981. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----------|---------|---------|---------|---------|--------|--------|--------|--------|------|-------|-------|
| 1 | E 13.08 E | 9.88 E | 12.48 | 15.00 | 13.60 | 5.58 | 5.20 E | 3.98 | 3.38 | 2.90 | | 5.80 |
| 2 | 12.68 | 9.88 | 12.98 | 14.68 | 13.53 | 5.68 | 5.33 E | 3.68 | 3.56 | 3.10 | | 5.90 |
| 3 | 12.28 | 9.76 | 13.23 | 14.28 E | 13.48 | 5.98 | 5.20 | 3.58 | 3.38 | 3.15 | | 6.00 |
| 4 | E 12.08 | 9.48 | 13.78 | 14.08 | 13.20 | 5.96 E | 4.98 | 3.63 | 3.20 E | 3.00 | | 6.00 |
| 5 | 11.88 | 9.28 | 14.28 E | 13.98 | 12.58 | 6.26 E | 5.08 | 3.78 | 3.16 | 3.00 | | 5.70 |
| 6 | 11.78 | 8.98 | 15.18 | 13.73 | 12.08 E | 6.78 | 5.10 | 3.68 E | 3.18 | 3.05 | | 5.60 |
| 7 | 11.88 | 8.58 | 15.68 | 13.60 | 11.58 E | 7.38 | 5.23 | 3.48 E | 3.28 | 3.00 | | 5.90 |
| 8 | 11.78 | 8.48 E | 15.98 | 13.43 | 11.26 | 7.76 | 5.28 | 3.40 | 3.38 | 3.10 | | 6.00 |
| 9 | 11.48 | 8.63 | 16.38 | 13.43 | 10.88 | 7.93 | 5.18 E | 3.48 | 3.46 | 3.22 | | 6.30 |
| 10 | 10.88 | 8.93 | 16.73 | 13.43 E | 10.18 | 8.08 | 5.08 | 3.78 | 3.68 | 2.90 | | 6.20 |
| 11 | E 9.59 | 9.23 | 16.96 | 13.28 | 9.83 | 8.28 | 5.16 | 3.78 | 3.60 | | | 6.20 |
| 12 | 9.78 | 9.38 | 17.20 E | 13.08 | 9.18 | 8.38 E | 5.18 | 3.73 | 3.48 | | | 6.40 |
| 13 | 9.38 | 9.46 | 17.33 | 12.98 | 8.68 | 8.58 | 5.28 | 3.53 E | 3.68 | | | 6.10 |
| 14 | 9.18 E | 9.48 | 17.50 | 13.20 | 8.38 E | 8.78 | 5.53 | 3.53 | 3.70 | | | 6.20 |
| 15 | 9.08 E | 9.48 E | 17.58 | 13.08 | 8.03 | 8.66 | 5.60 | 3.44 | 3.95 | | | 6.40 |
| 16 | 9.08 E | 9.88 | 17.63 | 13.03 | 7.60 | 8.38 | 5.68 E | 3.58 | 3.75 | | | 5.90 |
| 17 | 8.98 E | 10.33 | 17.66 | 12.88 E | 7.38 | 7.93 | 5.70 | 3.58 | 3.70 | | | 5.80 |
| 18 | E 9.08 | 10.10 | 17.63 | 12.80 | 7.18 | 7.58 | 5.63 | 3.23 | 3.65 | | | 5.70 |
| 19 | 9.18 | 9.88 | 17.58 E | 12.58 | 6.78 | 7.36 E | 5.58 | 3.18 | 3.30 | | | 5.90 |
| 20 | 9.40 | 9.66 | 17.43 | 12.58 | 6.38 | 7.23 | 5.48 | 3.08 E | 3.20 | | | 6.20 |
| 21 | 9.18 E | 10.03 | 17.23 | 12.86 | 5.98 E | 7.28 | 5.38 | 3.03 | 3.18 | | | 6.20 |
| 22 | 8.86 E | 10.78 E | 17.08 | 12.96 | 5.63 | 7.18 | 5.58 | 2.93 | 3.00 | | 6.70 | 6.60 |
| 23 | 8.58 | 10.88 | 16.86 | 13.03 | 5.28 | 6.76 | 5.88 E | 2.88 | 2.65 | | 6.90 | 6.40 |
| 24 | 8.68 | 11.18 | 16.78 | 13.30 E | 5.08 | 6.38 | 5.98 | 2.80 | 2.62 | | 6.80 | 6.60 |
| 25 | E 8.78 | 11.18 | 16.58 | 13.56 E | 5.08 | 6.18 | 6.03 | 2.78 | 2.75 | | 6.90 | 7.20 |
| 26 | 8.58 | 11.16 | 16.38 E | 13.68 | 5.08 | 5.98 E | 5.98 | 2.93 | 3.00 | | 6.60 | 7.80 |
| 27 | 8.66 | 11.58 | 16.03 | 13.60 | 5.03 | 5.68 E | 5.88 | 3.08 E | 3.30 | | 6.20 | 7.80 |
| 28 | 8.98 | 12.13 | 15.73 | 13.60 | 5.18 E | 5.58 | 5.50 | 2.98 | 3.40 | | 6.10 | 9.00 |
| 29 | 9.13 | ----- E | 15.58 | 13.66 | 5.33 | 5.48 | 5.18 | 2.96 | 3.18 | | 5.90 | 10.00 |
| 30 | 9.48 | ----- | 15.38 | 13.66 | 5.48 | 5.33 | 4.80 E | 3.18 | 3.00 | | 6.00 | 11.50 |
| 31 | 9.78 | ----- | 15.18 | ----- E | 5.58 | ----- | 4.48 | 3.43 | ----- | | ----- | 13.40 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 10.04 | 9.92 | 16.13 | 13.43 | 8.40 | 7.01 | 5.39 | 3.36 | 3.32 | 3.04 | 6.46 | 6.86 |
| MAX | 13.08 | 12.13 | 17.66 | 15.00 | 13.60 | 8.78 | 6.03 | 3.98 | 3.95 | 3.22 | 6.90 | 13.40 |
| MIN | 8.58 | 8.48 | 12.48 | 12.58 | 5.03 | 5.33 | 4.48 | 2.78 | 2.62 | 2.90 | 5.90 | 5.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 10 | 9 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 323

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 8.16.

HIGHEST STAGE WAS 17.66 ON MAR 17.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

ATCHAFALAYA RIVER AT BUTTE LA ROSE, LA.

LOCATION. LAT. 30-16-57, LONG. 91-41-17. ON RIGHT BANK AT MILE 64.8, FROM HEAD, 600 FEET NORTH OF BOAT LAUNCHING RAMP. (STA. 0312012D.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. DRAINAGE AREA NOT DETERMINED. BANKFULL STAGE, 18 FEET. MEAN LOW WATER STAGE, 5.17 FEET. ON SEP. 23, 1975 GAGE WAS RAISED 0.67 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 22 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 0.30 FOOT, NGVD.

RECORDS AVAILABLE. STAGE, MAY 29, 1928, TO DATE. PRIOR TO OCT. 17, 1967, GAGE WAS LOCATED ON LEFT BANK.

EXTREMES. HIGHEST, 27.28 FEET ON MAY 23, 1973. LOWEST, 0.33 FOOT ON OCT. 17, 1976. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 12.10 | 9.05 | 11.69 | 13.86 | 12.45 | 4.85 | 4.54 | 3.38 | 2.85 | 2.30 | 2.06 | 5.20 |
| 2 | 11.66 | 9.06 | 11.94 | 13.58 | 12.33 | 5.00 | 4.63 | 3.03 | 2.90 | 3.00 | 1.91 | 5.30 |
| 3 | 11.38 | 8.92 | 12.12 | 13.25 | 12.34 | 5.33 | 4.48 | 2.97 | 2.54 | 2.85 | 2.08 | 5.45 |
| 4 | 11.19 | 8.76 | 12.66 | 13.08 | 12.08 | 5.37 | 4.40 | 2.92 | 2.52 | 2.30 | 1.91 | 5.39 |
| 5 | 10.92 | 8.55 | 13.22 | 12.88 | 11.58 | 5.50 | 4.43 | 3.04 | 2.73 | 2.60 | 2.27 | 5.08 |
| 6 | 10.96 | 8.28 | 13.90 | 12.69 | 11.15 | 5.90 | 4.44 | 2.96 | 2.76 | 2.55 | 1.63 | 5.00 |
| 7 | 11.00 | 8.09 | 14.38 | 12.58 | 10.71 | 6.44 | 4.33 | 2.80 | 2.70 | 2.15 | 2.18 | 5.30 |
| 8 | 10.84 | 7.96 | 14.84 | 12.48 | 10.35 | 6.90 | 4.48 | 2.70 | 2.70 | 2.24 | 2.60 | 5.50 |
| 9 | 10.45 | 8.10 | 15.26 | 12.38 | 9.95 | 7.08 | 4.36 | 2.67 | 2.83 | 2.52 | 2.79 | 5.75 |
| 10 | 9.92 | 8.31 | 15.53 | 12.36 | 9.40 | 7.18 | 4.28 | 3.05 | 3.03 | 2.30 | 2.51 | 5.55 |
| 11 | 9.42 | 8.40 | 15.76 | 12.23 | 8.95 | 7.50 | 4.48 | 3.07 | 3.18 | 2.40 | 0.80 | 5.60 |
| 12 | 9.03 | 8.50 | 15.91 | 12.08 | 8.45 | 7.53 | 4.50 | 2.97 | 3.07 | 1.80 | 0.98 | 5.75 |
| 13 | 8.76 | 8.64 | 16.09 | 11.89 | 7.90 | 7.45 | 4.60 | 2.97 | 3.33 | 1.63 | 1.90 | 5.63 |
| 14 | 8.46 | 8.67 | 16.25 | 12.16 | 7.60 | 7.85 | 4.87 | 2.91 | 3.15 | 2.28 | 2.13 | 5.60 |
| 15 | 8.33 | 8.58 | 16.32 | 12.08 | 7.30 | 7.81 | 4.98 | 2.90 | 3.05 | 2.18 | 2.40 | 5.75 |
| 16 | 8.27 | 9.00 | 16.32 | 11.98 | 6.84 | 7.58 | 4.97 | 2.95 | 2.85 | 2.11 | 3.20 | 5.22 |
| 17 | 7.59 | 9.35 | 16.28 | 11.87 | 6.58 | 7.20 | 5.03 | 2.95 | 3.00 | 1.98 | 4.77 | 4.97 |
| 18 | 8.28 | 9.26 | 16.38 | 11.76 | 6.41 | 6.80 | 5.00 | 2.69 | 2.67 | 1.72 | 5.23 | 5.03 |
| 19 | 8.58 | 9.06 | 16.38 | 11.59 | 6.08 | 6.63 | 4.81 | 2.48 | 2.73 | 1.82 | 5.60 | 5.26 |
| 20 | 8.63 | 8.90 | 16.16 | 11.48 | 5.74 | 6.53 | 4.75 | 2.55 | 2.46 | 2.06 | 5.60 | 5.60 |
| 21 | 8.28 | 9.28 | 15.98 | 11.77 | 5.38 | 6.52 | 4.83 | 2.35 | 2.58 | 1.60 | 5.75 | 5.80 |
| 22 | 8.08 | 9.85 | 15.77 | 11.89 | 5.01 | 6.43 | 4.85 | 2.27 | 2.45 | 1.54 | 6.05 | 5.97 |
| 23 | 7.86 | 10.05 | 15.68 | 11.93 | 4.61 | 6.06 | 5.00 | 2.09 | 2.00 | 2.18 | 6.25 | 5.74 |
| 24 | 7.80 | 10.28 | 15.66 | 12.19 | 4.42 | 5.68 | 5.15 | 2.10 | 2.33 | 2.30 | 6.43 | 5.95 |
| 25 | 7.94 | 10.33 | 15.53 | 12.36 | 4.37 | 5.50 | 5.15 | 2.30 | 2.68 | 2.28 | 6.18 | 6.45 |
| 26 | 7.68 | 10.28 | 15.28 | 12.45 | 4.31 | 5.24 | 5.10 | 2.50 | 2.62 | 2.45 | 5.98 | 6.88 |
| 27 | 7.87 | 10.83 | 14.90 | 12.43 | 4.22 | 4.95 | 5.04 | 2.50 | 2.93 | 2.17 | 5.55 | 7.22 |
| 28 | 8.22 | 11.45 | 14.68 | 12.41 | 4.45 | 4.80 | 4.67 | 2.47 | 2.95 | 1.40 | 5.43 | 8.10 |
| 29 | 8.48 | ----- | 14.54 | 12.50 | 4.67 | 4.74 | 4.45 | 2.56 | 2.75 | 2.04 | 5.33 | 9.07 |
| 30 | 8.78 | ----- | 14.32 | 12.48 | 4.85 | 4.68 | 4.10 | 2.65 | 2.45 | 2.28 | 5.32 | 10.45 |
| 31 | 8.99 | ----- | 14.10 | ----- | 4.87 | ----- | 3.83 | 2.78 | ----- | 2.12 | ----- | 12.16 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 9.22 | 9.14 | 14.96 | 12.36 | 7.59 | 6.23 | 4.66 | 2.73 | 2.76 | 2.17 | 3.76 | 6.18 |
| MAX | 12.10 | 11.45 | 16.38 | 13.86 | 12.45 | 7.85 | 5.15 | 3.38 | 3.33 | 3.00 | 6.43 | 12.16 |
| MIN | 7.59 | 7.96 | 11.69 | 11.48 | 4.22 | 4.68 | 3.83 | 2.09 | 2.00 | 1.40 | 0.80 | 4.97 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 6.80.

HIGHEST STAGE WAS 16.38 ON MAR 18 AND LATER DATE(S).

LOWEST STAGE WAS 0.80 ON NOV 11.

DAILY STAGE FOR 1987

BAYOU LA ROMPE AT LAKE LONG (LA.)

LOCATION. LAT. 30-13-29, LONG. 91-35-18. ON EAST BANK OF LAKE LONG ABOUT 2000 FEET SOUTHWEST OF JUNCTION WITH BAYOU LA ROMPE. (STA. 0321012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1945 AND 1959 TO 1962. DAILY, JAN. 1971 TO MAR. 14, 1973 AND OCT. 24, 1974 TO DATE.

EXTREMES. (FROM 1971 TO DATE) HIGHEST, 22.84 FEET ON APR. 18, 1975. LOWEST, 1.50 FEET ON NOV. 11, 1987.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 12.24 | 9.38 | 11.84 | 13.73 | 12.43 | 5.52 | 5.25 | 4.10 | 3.79 | 3.17 | 2.85 | 5.83 |
| 2 | E 11.83 | 9.38 | 12.01 | 13.50 | 12.35 | 5.73 | 5.38 | 3.87 | 3.75 | 3.86 | 2.72 | 5.90 |
| 3 | 11.54 | 9.26 | 12.22 | 13.20 | 12.35 | 6.02 | 5.34 | 3.80 | 3.46 | 3.68 | 2.83 | 6.03 |
| 4 | 11.36 | 9.10 | 12.64 | 13.03 | 12.14 | 6.00 | 5.16 | 3.80 | 3.54 | 3.18 | 2.70 | 5.94 |
| 5 | 11.15 | 8.93 | 13.15 | 12.85 | 11.65 | 6.15 | 5.20 | 3.97 | 3.84 | 3.53 | 3.05 | 5.65 |
| 6 | 11.15 | 8.70 | 13.75 | 12.69 | 11.32 | 6.54 | 5.23 | 3.98 | 3.81 | 3.42 | 2.45 | 5.60 |
| 7 | 11.15 | 8.55 | 14.13 | 12.58 | 10.90 | 7.07 | 5.33 | 3.86 | 3.70 | 3.00 | 3.06 | 5.93 |
| 8 | 11.04 | 8.42 | 14.57 | 12.41 | 10.58 | 7.51 | 5.46 | 3.84 | 3.69 | 3.04 | 3.40 | 6.07 |
| 9 | 10.72 | 8.53 | 14.93 | 12.43 | 10.23 | 7.69 | 5.30 | 3.73 | 3.70 | 3.37 | 3.56 | 6.33 |
| 10 | 10.25 | 8.73 | 15.16 | 12.33 | 9.74 | 7.77 | 5.23 | 4.24 | 3.90 | 3.12 | 3.33 | 6.12 |
| 11 | 9.80 | 8.85 | 15.39 | 12.23 | 9.37 | 8.00 | 5.17 | 3.98 | 4.05 | 3.27 | 1.61 | 6.15 |
| 12 | 9.42 | 8.93 | 15.57 | 12.06 | 8.86 | 8.05 | 5.23 | 3.84 | 3.90 | 2.65 | 1.88 | 6.30 |
| 13 | 9.17 | 9.02 | 15.71 | 11.96 | 8.35 | 7.94 | 5.30 | 3.68 | 4.16 | 2.35 | 2.70 | 6.17 |
| 14 | 8.90 | 9.05 | 15.85 | 12.15 | 8.12 | 8.35 | 5.51 | 3.70 | 3.93 | 3.14 | 2.94 | 6.15 |
| 15 | 8.80 | 9.03 | 15.90 | 12.08 | 7.84 | 8.27 | 5.59 | 3.69 | 3.70 | 3.04 | 3.23 | 6.33 |
| 16 | 8.78 | 9.36 | 15.95 | 12.01 | 7.35 | 8.07 | 5.60 | 3.80 | 3.87 | 3.00 | 3.95 | 5.79 |
| 17 | 8.56 | 9.65 | 15.94 | 11.87 | 7.10 | 7.72 | 5.64 | 3.76 | 3.90 | 2.85 | 5.48 | 5.63 |
| 18 | 8.78 | 9.59 | 16.04 | 11.77 | 6.98 | 7.45 | 5.62 | 3.49 | 3.68 | 2.60 | 5.90 | 5.63 |
| 19 | 9.00 | 9.36 | 16.04 | 11.63 | 6.67 | 7.24 | 5.53 | 3.44 | 3.74 | 2.70 | 6.26 | 5.84 |
| 20 | 9.00 | 9.20 | 15.84 | 11.57 | 6.35 | 7.17 | 5.54 | 3.48 | 3.40 | 2.95 | 6.24 | 6.17 |
| 21 | 8.74 | 9.58 | 15.66 | 11.80 | 6.00 | 7.11 | 5.60 | 3.35 | 3.49 | 2.29 | 6.37 | 6.37 |
| 22 | 8.54 | 10.13 | 15.50 | 11.89 | 5.68 | 7.05 | 5.60 | 3.20 | 3.36 | 2.50 | 6.65 | 6.52 |
| 23 | 8.34 | 10.29 | 15.38 | 11.93 | 5.37 | 6.71 | 5.80 | 3.20 | 2.86 | 3.04 | 6.86 | 6.34 |
| 24 | 8.27 | 10.49 | 15.37 | 12.17 | 5.25 | 6.40 | 5.84 | 3.14 | 3.24 | 3.06 | 6.75 | 6.50 |
| 25 | 8.38 | 10.45 | 15.24 | 12.36 | 5.25 | 6.24 | 5.81 | 3.32 | 3.55 | 3.04 | 6.80 | 6.95 |
| 26 | 8.15 | 10.53 | 15.01 | 12.41 | 5.20 | 5.90 | 5.74 | 3.42 | 3.49 | 3.26 | 6.55 | 7.35 |
| 27 | 8.30 | 11.14 | 14.74 | 12.41 | 5.14 | 5.62 | 5.69 | 3.35 | 3.77 | 2.93 | 6.21 | 7.67 |
| 28 | 8.65 | 11.64 | 14.51 | 12.40 | 5.28 | 5.55 | 5.33 | 3.35 | 3.80 | 2.38 | 6.08 | 8.47 |
| 29 | 8.87 | ----- | 14.35 | 12.47 | 5.43 | 5.50 | 5.18 | 3.30 | 3.57 | 2.85 | 5.93 | 9.33 |
| 30 | 9.15 | ----- | 14.16 | 12.46 | 5.58 | 5.39 | 4.80 | 3.45 | 3.22 | 3.08 | 5.94 | 10.56 |
| 31 | 9.30 | ----- | 13.96 | ----- | 5.55 | ----- | 4.55 | 3.67 | ----- | 2.93 | ----- | 11.90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 9.59 | 9.47 | 14.73 | 12.35 | 8.08 | 6.86 | 5.40 | 3.64 | 3.66 | 3.01 | 4.48 | 6.69 |
| MAX | 12.24 | 11.64 | 16.04 | 13.73 | 12.43 | 8.35 | 5.84 | 4.24 | 4.16 | 3.86 | 6.86 | 11.90 |
| MIN | 8.15 | 8.42 | 11.84 | 11.57 | 5.14 | 5.39 | 4.55 | 3.14 | 2.86 | 2.29 | 1.61 | 5.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 7.32

HIGHEST STAGE WAS 16.20 AT 5:45 P.M. ON MAR 17.

LOWEST STAGE WAS 1.50 ON NOV 11.

DAILY STAGE FOR 1987

WHISKEY BAY PILOT CHANNEL BELOW HEAD (L.A.)

LOCATION. LAT. 30-23-35. LONG. 91-39-59. ON LEFT BANK, ABOUT 0.4 MILE BELOW JUNCTION WITH ATCHAFALAYA RIVER AND AT MILE 55.7, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0324012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON NOV. 11, 1976 GAGE WAS RAISED 0.50 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU NOV. 11 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. DEC. 6, 1958 TO JUN. 20, 1973 AND JAN. 9, 1976 TO DATE.

EXTREMES. HIGHEST, 30.00 FEET ON MAY 22, 1973. LOWEST, 0.48 FOOT ON OCT. 17, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|---------|--------|------|------|-------|------|--------|-------|
| 1 | 13.40 | 10.18 | 13.10 | 15.40 | 14.27 | | | | | | | 6.15 |
| 2 | 12.98 | 10.15 | 13.40 | 15.11 | 14.12 | | | | | | | 6.25 |
| 3 | 12.68 | 10.01 | 13.68 | 14.74 | 13.98 | | | | | | | 6.15 |
| 4 | 12.46 | 9.78 | 14.28 | 14.56 | 13.71 F | 6.43 | | | | | | |
| 5 | 12.28 | 9.57 | 14.98 | 14.33 | 12.96 | 6.50 | | | | | | |
| 6 | 12.30 | 9.26 | 15.83 | 14.17 | 12.52 | 7.01 | | | | | | |
| 7 | 12.31 | 9.09 | 16.28 | 14.03 | 12.04 | 7.65 | F | 3.70 | | | F | 6.12 |
| 8 | 12.19 | 8.97 | 16.83 | 13.86 | 11.65 | 8.11 | | | | | | 6.38 |
| 9 | 11.71 | 9.16 | 17.28 | 13.88 | 11.22 | 8.28 | | | | | | 6.56 |
| 10 | 11.01 | 9.39 | 17.58 | 13.86 | | 8.39 | | | | | | 6.33 |
| 11 | 10.45 | 9.53 | 17.58 | 13.71 | | 8.70 | | | | | | 6.39 |
| 12 | 10.03 | 9.66 | 18.03 | 13.50 | | 8.68 | | | | | | 6.57 |
| 13 | 9.76 | 9.76 | 18.21 | 13.32 | 8.91 | 8.56 | | | | | | 6.41 |
| 14 | 9.43 | 9.78 | 18.38 | 13.69 | 8.58 | 8.97 | | | | | | 6.36 |
| 15 | 9.30 | 9.78 | 18.38 | 13.57 | 8.26 | 8.91 | | F | 3.51 | | | 6.54 |
| 16 | 9.31 | 10.16 | 18.43 | 13.49 | 7.73 | 8.66 | | | | | | |
| 17 | 8.99 | 10.57 | 18.36 | 13.31 | 7.47 | 8.23 | | | | | | |
| 18 | 9.31 | 10.43 | 18.38 | 13.21 | 7.31 | 7.87 | | | | F | | |
| 19 | 9.67 | 10.13 | 18.43 | 13.05 | 6.99 | 7.62 | | | | | 6.30 | |
| 20 | 9.70 | 9.93 | 18.13 | 13.03 | 6.58 | 7.59 | | | | | 6.63 F | 6.18 |
| | | | | | | | | | | | 6.66 | 6.40 |
| 21 | 9.30 | 10.47 | 17.88 | | 6.37 | 7.53 | | | | | 6.70 | 6.67 |
| 22 | 9.01 | 11.15 | 17.68 | | | 7.45 | | | F | 2.83 | 7.05 | 6.80 |
| 23 | 8.80 | 11.33 | 17.53 | | | 7.00 | | | | | 7.24 | 6.62 |
| 24 | 8.75 | 11.53 | 17.48 | 14.08 | | 6.63 F | 6.18 | | | | 7.07 | 6.80 |
| 25 | 8.83 | 11.43 | 17.35 | 14.29 | | 6.48 | | | | | 7.05 | 7.37 |
| 26 | 8.58 | 11.53 | 17.04 | 14.33 | | 6.43 | | | | | 6.75 | 7.86 |
| 27 | 8.83 | 12.18 | 16.66 | 14.29 | | 6.43 | | | | | 6.37 | 8.27 |
| 28 | 9.23 | 12.91 | 16.38 | 14.26 | | | | | | | 6.25 | 9.35 |
| 29 | 9.53 | ----- | 16.23 | 14.37 | | | | | | | 6.16 | 10.39 |
| 30 | 9.88 | ----- | 15.99 | 14.32 | | | | | | | | 12.00 |
| 31 | 10.11 | ----- | 15.81 | ----- | | ----- | | | ----- | | ----- | 13.95 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 10.33 | 10.28 | 16.83 | 13.99 | 10.26 | 7.67 | 6.18 | 3.70 | 3.51 | 2.83 | 6.69 | 7.39 |
| MAX | 13.40 | 12.91 | 18.43 | 15.40 | 14.27 | 8.97 | 6.18 | 3.70 | 3.51 | 2.83 | 7.24 | 13.95 |
| MIN | 8.58 | 8.97 | 13.10 | 13.03 | 6.37 | 6.43 | 6.18 | 3.70 | 3.51 | 2.83 | 6.16 | 6.12 |
| DAYS | 31 | 28 | 31 | 27 | 18 | 24 | 1 | 1 | 1 | 1 | 12 | 25 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 200

F=NOT AT STATED TIME

HIGHEST STAGE WAS 18.63 AT 6:00 P.M. ON MAR 17.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

BLIND TENSAS CUT BELOW UPPER GRAND RIVER (LA)

LOCATION. LAT. 30-14-26, LONG. 91-33-54. ON RIGHT BANK, ABOUT 300 FEET BELOW JUNCTION WITH UPPER GRAND RIVER, AND AT MILE 68.4, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0331512D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, DEC. 9, 1958 TO JUNE 30, 1970 AND OCT. 2, 1974 TO DATE. PRIOR TO NOV. 1964, GAGE WAS ON LEFT BANK. DISCHARGE, 1932 TO 1942, AND INTERMITTENTLY, 1944 TO 1950, 1955 TO 1961, AND 1968 TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 23.80 FEET ON APR. 8, 1975. LOWEST, (FROM INCOMPLETE RECORD) 0.97 FOOT ON JUNE 24, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|-------|-------|-------|-------|------|------|-------|--------|--------|-------|
| 1 | 11.63 | 8.79 | | 13.01 | 11.85 | 5.06 | 4.80 | 3.74 | 3.42 | 2.79 | 2.78 | |
| 2 | 11.25 | 8.76 | | 12.78 | 11.77 | 5.27 | 4.95 | 3.52 | 3.40 | 3.45 | 2.68 F | 5.38 |
| 3 | 10.94 | 8.64 | | 12.52 | 11.77 | 5.51 | 4.90 | 3.45 | 3.12 | 3.27 F | 2.74 | 5.59 |
| 4 | 10.77 | 8.46 | | 12.34 | 11.56 | 5.55 | 4.73 | 3.45 | 3.15 | 2.82 | | 5.50 |
| 5 | 10.55 | 8.30 F | 12.45 | 12.17 | 11.06 | 5.66 | 4.79 | 3.61 | 3.42 | 3.12 | | 5.23 |
| 6 | 10.55 | | | 12.02 | 10.70 | 6.07 | 4.80 | 3.64 | 3.40 | 3.02 | | 5.18 |
| 7 | 10.55 | | | 11.93 | 10.33 | 6.62 | 4.87 | 3.50 | 3.32 | 2.60 | | 5.54 |
| 8 | 10.42 | | | 11.77 | 10.00 | 7.05 | 5.03 | 3.47 | 3.31 | 2.63 | | 5.65 |
| 9 | 10.09 | | | 11.77 | 9.66 | 7.24 | 4.85 | 3.40 | 3.30 | 2.96 | | 5.90 |
| 10 | 9.62 | | | 11.70 | 9.24 | 7.33 | 4.75 | 3.88 | 3.49 | 2.74 | | 5.70 |
| 11 | 9.15 | | | 11.61 | 8.86 | 7.55 | 4.83 | 3.65 | 3.64 | 2.88 | | 5.74 |
| 12 | 8.80 F | 8.28 F | 14.70 | 11.45 | 8.31 | 7.60 | 4.86 | 3.51 | 3.51 | 2.27 F | 1.68 | 5.89 |
| 13 | 8.55 | | 14.87 | 11.35 | 7.79 | 7.50 | 4.94 | 3.35 | 3.74 | 2.00 | | 5.74 |
| 14 | 8.28 | | 15.03 | 11.58 | 7.63 | 7.90 | 5.10 | 3.36 | 3.53 | 2.75 | | 5.73 |
| 15 | 8.18 | | 15.08 | 11.48 | 7.32 | 7.84 | 5.17 | 3.36 | 3.31 | 2.65 | | 5.91 |
| 16 | 8.18 | | 15.12 | 11.43 | 6.82 | 7.63 | 5.18 | 3.45 | 3.49 | 2.61 | | 5.36 |
| 17 | 7.94 | | 15.10 | 11.28 | 6.60 | 7.29 | 5.20 | 3.43 | 3.50 | 2.46 | | 5.18 |
| 18 | 8.20 F | 8.93 | 15.19 | 11.19 | 6.46 | 7.02 | 5.20 | 3.15 | 3.30 | 2.20 F | 5.48 | 5.18 |
| 19 | 8.40 | | 15.17 | 11.03 | 6.20 | 6.82 | 5.10 | 3.13 | 3.34 | 2.31 F | 5.78 | 5.40 |
| 20 | 8.38 | | 14.99 | 11.00 | 5.88 | 6.74 | 5.14 | 3.12 | 3.05 | 2.54 | | 5.75 |
| 21 | 8.10 | | 14.86 | 11.24 | 5.55 | 6.69 | 5.23 | 2.98 | 3.10 | 1.87 | | 5.95 |
| 22 | 7.88 | | 14.71 | 11.32 | 5.24 | 6.63 | 5.24 | 2.84 | 2.99 | 2.13 | | 6.10 |
| 23 | 7.74 | | 14.62 | 11.36 | 4.92 | 6.30 | 5.42 | 2.84 | 2.49 | 2.64 | | 5.95 |
| 24 | 7.65 | | 14.59 | 11.60 | 4.83 | 6.00 | 5.45 | 2.80 | 2.88 | 2.74 | | 6.13 |
| 25 | 7.77 F | 9.78 | 14.41 | 11.80 | 4.82 | 5.83 | 5.42 | 3.00 | 3.15 | 2.72 | | 6.56 |
| 26 | 7.50 | | 14.22 | 11.85 | 4.76 | 5.49 | 5.35 | 3.10 | 3.09 | 3.03 | | 6.94 |
| 27 | 7.67 | | 13.98 | 11.85 | 4.70 | 5.15 | 5.31 | 3.02 | 3.37 | 2.72 | | 7.25 |
| 28 | 8.02 | | 13.73 | 11.81 | 4.90 | 5.11 | 4.93 | 3.01 | 3.41 | 2.13 | | 8.08 |
| 29 | 8.28 | ----- | 13.60 | 11.89 | 5.00 | 5.05 | 4.77 | 2.93 | 3.19 | 2.70 | | 8.92 |
| 30 | 8.55 | ----- | 13.42 | 11.89 | 5.16 | 4.95 | 4.43 | 3.10 | 2.84 | 2.91 | | 10.14 |
| 31 | 8.70 | ----- | 13.23 | ----- | 5.10 | ----- | 4.16 | 3.32 | ----- | 2.78 | ----- | 11.68 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 8.98 | 8.74 | 14.43 | 11.73 | 7.57 | 6.41 | 5.00 | 3.29 | 3.27 | 2.66 | 3.52 | 6.31 |
| MAX | 11.63 | 9.78 | 15.19 | 13.01 | 11.85 | 7.90 | 5.45 | 3.88 | 3.74 | 3.45 | 5.78 | 11.68 |
| MIN | 7.50 | 8.28 | 12.45 | 11.00 | 4.70 | 4.95 | 4.16 | 2.80 | 2.49 | 1.87 | 1.68 | 5.18 |
| DAYS | 31 | 8 | 21 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 6 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 310

E=ESTIMATED F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 6.71

HIGHEST STAGE WAS 15.35 AT 7:30 P.M. ON MAR 17.

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS 1.65 ON NOV 12

DAILY STAGE FOR 1987

BAYOU CHENE BELOW BAYOU CHENE CUT (LA.)

LOCATION. LAT. 30-07-30. LONG. 91-29-58. NEAR SOUTH BANK OF BAYOU CHENE CUT. (STA. 0342012D)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, JAN. 23, 1976 TO DATE.

EXTREMES. HIGHEST, 19.36 FEET ON APR. 26, 1979. LOWEST, MINUS 0.04 FEET ON NOV. 12, 1987.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|-------|---------|---------|--------|------|------|------|--------|------|-------|
| 1 | | 7.83 | 9.85 | 11.76 | 10.56 | | | | | | | |
| 2 | | 7.80 | | 11.57 | 10.49 | F | 4.55 | | | | F | 4.88 |
| 3 | | 7.70 | | 11.30 | 10.50 | | | F | 2.93 | | 2.13 | |
| 4 | | 7.56 | | 11.12 | 10.33 F | 4.95 | F | 3.18 | | | | |
| 5 | | 7.43 | 11.08 | 10.97 | 9.93 | | | | | | | |
| 6 | | 7.23 | 11.58 | 10.83 | 9.61 | | | | | | | |
| 7 | F | 9.43 | 7.08 | 11.90 | 10.73 | | 4.53 | | | | | |
| 8 | | 6.97 | 12.30 | 10.59 | 8.99 | 6.31 | | | | | | |
| 9 | F | 9.03 | 7.03 | 12.63 | 10.59 | 8.66 | 6.48 | | | | | |
| 10 | | 8.70 | 7.21 | 12.83 | 10.54 | 8.27 | 6.56 | 4.53 | | | | |
| 11 | 8.26 | 7.33 | 13.08 | 10.47 | 7.95 | 6.76 | | F | 3.46 | | F | 5.18 |
| 12 | 7.93 | 7.40 | 13.23 | 10.35 | 7.53 | 6.76 | | | | F | 1.33 | |
| 13 | 7.71 | 7.40 | 13.40 | 10.29 | 7.06 | 6.87 | F | 3.08 | | | | |
| 14 | 7.48 | 7.43 | 13.56 | 10.48 | 6.83 | 6.49 | | | | | | |
| 15 | 7.40 | 7.48 | 13.63 | 10.38 | | 6.58 F | 4.58 | | | | | |
| 16 | 7.39 | 7.75 | 13.68 | 10.32 | | 6.75 | | | | | | 4.81 |
| 17 | 7.21 | 7.93 | 13.67 | 10.19 | | 7.04 | | F | 3.33 | | F | 4.63 |
| 18 | 7.41 | 7.89 | 13.80 | 10.13 | | 7.23 | F | 2.88 | | | 4.93 | |
| 19 | 7.53 | 7.69 | 13.75 | 10.06 | | | | | | | | |
| 20 | 7.48 | 7.57 | 13.60 | 9.99 F | 5.23 | | | | | | | |
| 21 | 7.26 | 7.88 | 13.47 | 10.09 | | | | | | | | |
| 22 | 7.11 | 8.38 | 13.31 | 10.16 | | | | | F | 1.78 | | |
| 23 | 6.91 | 8.53 | 13.24 | 10.19 | | F | 5.01 | | F | 2.43 F | 2.38 | |
| 24 | 6.87 | 8.71 | 13.24 | 10.27 | | | | | | | | |
| 25 | 7.02 | 8.69 | 13.09 | 10.47 | | | F | 2.81 | | | F | 6.07 |
| 26 | 6.75 | 8.77 | 12.89 | 10.52 | F | 4.95 | | | | | | 6.22 |
| 27 | 6.87 | 9.25 | 12.67 | 10.53 | | | | | | | | 6.46 |
| 28 | 7.18 | 9.69 | 12.49 | 10.51 F | 4.59 | | | | | | | 7.09 |
| 29 | 7.37 | ----- | 12.31 | 10.57 | | | | | F | 2.38 | | 7.80 |
| 30 | 7.60 | ----- | 12.23 | 10.58 | | | | | | | | 8.85 |
| 31 | 7.73 | ----- | | | | | | | | | | 10.10 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 7.57 | 7.84 | 12.83 | 10.55 | 8.49 | 6.44 | 4.64 | 2.99 | 3.04 | 2.18 | 2.80 | 6.55 |
| MAX | 9.43 | 9.69 | 13.80 | 11.76 | 10.56 | 7.23 | 5.01 | 3.18 | 3.46 | 2.38 | 4.93 | 10.10 |
| MIN | 6.75 | 6.97 | 9.85 | 9.99 | 4.59 | 4.95 | 4.53 | 2.81 | 2.43 | 1.78 | 1.33 | 4.63 |
| DAYS | 24 | 28 | 27 | 30 | 16 | 13 | 5 | 4 | 4 | 3 | 3 | 11 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 168

F=NOT AT STATED TIME

HIGHEST STAGE WAS 13.97 AT 6.00 P.M. ON MAR 17.

LOWEST STAGE (FROM 1. COMPLETE RECORDS) WAS MINUS 0.04 ON NOV 12.

DAILY STAGE FOR 1987

CHICOT PASS AT WEST FORK CHICOT PASS (LA.)

LOCATION. LAT. 30-03-39, LONG. 91-29-08. ON SMALL ISLAND AT HEAD OF WEST FORK CHICOT PASS, MILE 83.2, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0346509.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 10, 1959 TO JUNE 30, 1973 AND JULY 11, 1974 TO DATE.

EXTREMES. HIGHEST, 20.70 FEET ON MAY 26, 1973. LOWEST, 1.73 FEET ON OCT. 18, 1967.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 11.24 | 8.77 | 10.70 | 12.34 | 11.26 | 5.73 | 5.54 | 4.65 | 4.48 | 3.86 | 3.74 | 5.90 |
| 2 | 10.89 | 8.75 | 10.75 | 12.15 | 11.23 | 5.88 | 5.69 | 4.47 | 4.47 | 4.58 | 3.74 | 5.95 |
| 3 | 10.67 | 8.60 | | 11.89 | 11.25 | 6.06 | 5.73 | 4.46 | 4.23 | 4.29 | 3.75 | 6.10 |
| 4 | 10.52 | 8.48 | | 11.73 | 11.11 | 6.09 | 5.46 | 4.52 | 4.28 | 3.88 | 3.55 | 6.06 |
| 5 | 10.25 | 8.35 | | 11.60 | 10.75 | 6.13 | 5.54 | 4.68 | 4.59 | 4.20 | 3.86 | 5.80 |
| 6 | 10.25 | 8.15 | | 11.48 | 10.45 | 6.50 | 5.62 | 4.74 | 4.57 | 4.10 | 3.19 | 5.87 |
| 7 | 10.25 | 8.02 | | 11.37 | 10.10 | 6.98 | 5.77 | 4.60 | 4.43 | 3.68 | 3.87 | 6.27 |
| 8 | 10.13 | 7.88 | | 11.25 | 9.84 | 7.37 | 5.88 | 4.63 | 4.39 | 3.71 | 4.20 | 6.28 |
| 9 | 9.90 | 7.94 | | 11.24 | 9.56 | 7.56 | 5.72 | 4.57 | 4.32 | 4.10 | 4.42 | 6.50 |
| 10 | 9.55 | 8.14 | | 11.17 | 9.20 | 7.62 | 5.67 | 5.12 | 4.50 | 3.87 | 4.15 | 6.30 |
| 11 | 9.13 | 8.26 | | 11.12 | 8.92 | 7.78 | 5.66 | 4.74 | 4.69 | 4.06 | 3.15 | 6.28 |
| 12 | 8.83 | 8.34 | | 11.02 | 8.54 | 7.86 | 5.67 | 4.54 | 4.50 | 3.39 | 3.15 | 6.44 |
| 13 | 8.62 | 8.38 | | 10.98 | 8.13 | 7.75 | 5.69 | 4.37 | 4.78 | 3.19 | 3.47 | 6.29 |
| 14 | 8.42 | 8.43 | | 11.15 | 7.90 | 8.13 | 5.72 | 4.34 | 4.54 | 3.96 | 3.73 | 6.37 |
| 15 | 8.36 | 8.47 | | 11.04 | 7.60 | 7.99 | 5.76 | 4.34 | 4.41 | 3.87 | 3.98 | 6.55 |
| 16 | 8.35 | 8.73 | | 10.98 | 7.15 | 7.82 | 5.76 | 4.47 | 4.65 | 3.85 | 4.67 | 5.90 |
| 17 | 8.19 | 8.90 | | 10.86 | 6.98 | 7.53 | 5.81 | 4.44 | 4.66 | 3.72 | 5.75 | 5.74 |
| 18 | 8.39 | 8.84 | | 10.77 | 6.86 | 7.42 | 5.85 | 4.22 | 4.44 | 3.45 | 6.04 | 5.86 |
| 19 | 8.46 | 8.64 | | 10.65 | 6.61 | 7.16 | 5.80 | 4.19 | 4.50 | 3.54 | 6.37 | 6.05 |
| 20 | 8.41 | 8.54 | | 10.60 | 6.39 | 7.10 | 5.91 | 4.18 | 4.18 | 3.77 | 6.26 | 6.43 |
| 21 | 8.21 | 8.83 | | 10.77 | 6.13 | 7.07 | 5.96 | 4.08 | 4.24 | 3.19 | 6.36 | 6.53 |
| 22 | 8.07 | 9.30 | | 10.83 | 5.87 | 7.05 | 5.98 | 3.95 | 4.12 | 3.34 | 6.67 | 6.74 |
| 23 | 7.84 | 9.40 | | 10.85 | 5.64 | 6.80 | 6.14 | 4.00 | 3.55 | 3.77 | 6.89 | 6.60 |
| 24 | 7.83 | 9.60 | | 11.04 | 5.64 | 6.53 | 6.14 | 3.94 | 4.02 | 3.84 | 6.81 | 6.75 |
| 25 | 7.98 | 9.59 | | 11.17 | 5.65 | 6.40 | 6.09 | 4.12 | 4.24 | 3.83 | 6.90 | 7.07 |
| 26 | 7.67 | 9.68 | | 11.23 | 5.67 | 6.04 | 6.01 | 4.19 | 4.21 | 4.10 | 6.65 | 7.35 |
| 27 | 7.82 | 10.25 F | 13.16 | 11.25 | 5.66 | 5.74 | 5.95 | 4.08 | 4.48 | 3.75 | 6.34 | 7.56 |
| 28 | 8.14 | 10.58 | 13.00 | 11.23 | 5.78 | 5.80 | 5.63 | 4.07 | 4.53 | 3.25 | 6.13 | 8.08 |
| 29 | 8.33 | ----- | 12.87 | 11.27 | 5.82 | 5.78 | 5.52 | 3.92 | 4.32 | 3.75 | 6.00 | 8.73 |
| 30 | 8.54 | ----- | 12.72 | 11.29 | 5.90 | 5.70 | 5.22 | 4.12 | 3.89 | 3.88 | 6.06 | 9.65 |
| 31 | 8.64 | ----- | 12.50 | ----- | 5.78 | ----- | 5.00 | 4.36 | ----- | 3.75 | ----- | 10.84 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 8.96 | 8.78 | 12.24 | 11.21 | 7.85 | 6.85 | 5.74 | 4.36 | 4.37 | 3.79 | 4.99 | 6.74 |
| MAX | 11.24 | 10.58 | 13.16 | 12.34 | 11.26 | 8.13 | 6.14 | 5.12 | 4.78 | 4.58 | 6.90 | 10.84 |
| MIN | 7.67 | 7.88 | 10.70 | 10.60 | 5.64 | 5.70 | 5.00 | 3.92 | 3.55 | 3.19 | 3.15 | 5.74 |
| DAYS | 31 | 28 | 7 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 341

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 6.79.

HIGHEST STAGE WAS NOT DETERMINED.

LOWEST STAGE WAS 3.13 ON NOV 12.

DAILY STAGE FOR 1987

CHICOT PASS NEAR MYETTE POINT (LA.)

LOCATION. LAT. 29-53-33, LONG. 91-26-44. ON RIGHT BANK, 3/4 MILE ABOVE MYETTE POINT AND AT MILE 95.4, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0354010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, MAR. 27, 1963, TO DATE. DISCHARGE, INTERMITTENTLY, 1935 TO 1950, 1955 TO 1961, AND 1968 TO DATE.

EXTREMES. HIGHEST, 17.80 FEET ON MAY 24, 1973. LOWEST, (FROM INCOMPLETE RECORD) MINUS 0.06 FOOT (DATE UNDETERMINED) IN 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|-------|-------|------|-------|-----|------|--------|--------|-------|------|
| 1 | 8.79 | 6.60 | 8.10 | 9.51 | 8.45 | 4.20 | | | 3.29 | 2.75 | 2.60 | 4.35 |
| 2 | 8.46 | 6.57 | 8.10 | 9.40 | 8.46 | 4.32 | | | 3.36 | 3.48 | 2.46 | 4.37 |
| 3 | 8.30 | 6.40 | 8.20 | 9.10 | 8.50 | 4.42 | | | 3.06 | 3.10 | 2.55 | 4.54 |
| 4 | 8.12 | 6.35 | 8.40 | 8.97 | 8.42 | 4.43 | | | 3.10 | 2.80 | 2.53 | 4.50 |
| 5 | 7.86 | 6.25 | 8.68 | 8.86 | 8.16 | 4.40 | | | 3.58 | 3.10 | 2.78 | 4.28 |
| 6 | 7.87 | 6.10 | 9.04 | 8.75 | 7.90 | 4.70 | | | 3.56 | 3.00 | 2.10 | 4.45 |
| 7 | 7.84 | 5.98 | 9.38 | 8.66 | 7.63 | 5.14 | | | 3.39 | 2.56 | 2.83 | 4.85 |
| 8 | 7.70 | 5.85 | 9.68 | 8.58 | 7.42 | 5.50 | | | 3.32 | 2.60 | 3.15 | 4.80 |
| 9 | 7.58 | 5.87 | 9.88 | 8.54 | 7.18 | 5.72 | | | 3.19 | 3.04 | 3.45 | 4.94 |
| 10 | 7.34 | 6.03 | 10.04 | 8.48 | 7.00 | 5.77 | | | 3.30 | 2.80 | 3.09 | 4.77 |
| 11 | 6.94 | 6.14 | 10.16 | 8.45 | 6.75 | 5.86 | | | 3.56 | 2.98 | | 4.72 |
| 12 | 6.70 | 6.20 | 10.30 | 8.40 | 6.47 | 5.99 | | | 3.37 | 2.34 F | 2.10 | 4.82 |
| 13 | 6.55 | 6.23 | 10.43 | 8.43 | 6.20 | 5.87 | | | 3.60 | 2.19 | 2.40 | 4.70 |
| 14 | 6.40 | 6.29 | 10.58 | 8.53 | 6.00 | 6.21 | | | 3.40 | 2.92 | 2.65 | 4.80 |
| 15 | 6.44 | 6.38 | 10.67 | 8.40 | 5.75 | 6.04 | | | 3.35 | 2.87 | 2.90 | 4.95 |
| 16 | 6.40 | 6.56 | 10.74 | 8.32 | 5.35 | 5.90 | | | 3.65 | 2.85 | 3.65 | 4.30 |
| 17 | 6.28 | 6.60 | 10.81 | 8.23 | 5.24 | 5.69 | | | 3.65 | 2.70 | 4.34 | 4.15 |
| 18 | 6.47 | 6.55 | 11.03 | 8.15 | 5.11 | 5.68 | | | 3.43 | 2.44 | 4.48 | 4.25 |
| 19 | 6.40 | 6.40 | 10.94 | 8.04 | 4.90 | 5.43 | | | 3.49 | | 4.75 | 4.43 |
| 20 | 6.33 | 6.34 | 10.84 | 7.97 | 4.72 | 5.36 | | | 3.14 | | 4.62 | 4.78 |
| 21 | 6.19 | 6.53 | 10.74 | 8.08 | 4.54 | 5.37 | | | 3.20 | | 4.68 | 4.84 |
| 22 | 6.10 | 6.90 | 10.63 | 8.09 | 4.35 | 5.35 | | | 3.08 | | 5.00 | 5.06 |
| 23 | 5.77 | 6.96 | 10.62 | 8.12 | 4.17 | 5.20 | | | 2.45 F | 2.84 | 5.22 | 4.95 |
| 24 | 5.85 | 7.17 | 10.68 | 8.23 | 4.25 | 4.98 | | | 2.97 | 3.00 | 5.19 | 5.10 |
| 25 | 6.02 | 7.20 | 10.53 | 8.34 | 4.29 | 4.86 | | | 3.15 | 3.05 | 5.32 | 5.32 |
| 26 | 5.68 | 7.30 | 10.43 | 8.40 | 4.36 | | F | 3.10 | 3.17 | 3.10 | 5.12 | 5.50 |
| 27 | 5.79 | 7.78 | 10.30 | 8.43 | 4.40 | | | 3.12 | 3.42 | 2.75 | 4.80 | 5.63 |
| 28 | 6.06 | 8.03 | 10.10 | 8.43 | 4.50 | | | 3.05 | 3.47 | 2.45 | 4.54 | 5.90 |
| 29 | 6.23 | ----- | 10.00 | 8.44 | 4.44 | | | 2.93 | 3.26 | 2.75 | 4.45 | 6.35 |
| 30 | 6.39 | ----- | 9.85 | 8.48 | 4.44 | | | 2.90 | 2.76 | 2.87 | 4.50 | 7.14 |
| 31 | 6.44 | ----- | 9.63 | ----- | 4.29 | ----- | | 2.96 | ----- | 2.74 | ----- | 8.10 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|------|------|------|---|------|------|------|------|------|
| MEAN | 6.82 | 6.56 | 9.98 | 8.49 | 5.92 | 5.30 | | 3.01 | 3.29 | 2.82 | 3.73 | 5.02 |
| MAX | 8.79 | 8.03 | 11.03 | 9.51 | 8.50 | 6.21 | | 3.12 | 3.65 | 3.48 | 5.32 | 8.10 |
| MIN | 5.68 | 5.85 | 8.10 | 7.97 | 4.17 | 4.20 | | 2.90 | 2.45 | 2.19 | 2.10 | 4.15 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 25 | 0 | 6 | 30 | 27 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 299

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 5.79.

HIGHEST STAGE WAS 11.07 AT 3:00 A.M. ON MAR 18.

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS 1.94 ON NOV 12.

DAILY STAGE FOR 1987

GRAND LAKE AT CHARENTON FLOODGATE (L.A.)

LOCATION. LAT. 29-54-08, LONG. 91-31-12. ON NORTHEAST WALL IN FOREBAY OF THE STRUCTURE.
(STA. 0355013.)

GAGE. STAFF TYPE.

GENERAL INFORMATION. STAGES PRIOR TO MAR. 8, 1974 WERE TAKEN AT HIGH WATER STAFF AT LEVEE STATION 4710+00.

RECORDS AVAILABLE. FEB. 6, 1974 TO DATE.

EXTREMES. HIGHEST, 16.20 FEET ON APR. 22 AND 23, 1975. LOWEST, 0.80 FOOT ON OCT. 10, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|------|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 9.7 | 6.7 | 8.3 | 10.0 | 8.9 | 4.9 | 4.7 | 3.9 | 3.8 | 3.7 | 3.0 | 5.0 |
| 2 | 9.4 | 6.7 | 8.4 | 10.0 | 8.9 | 4.8 | 4.8 | 3.7 | 3.5 | 3.3 | 2.9 | 4.9 |
| 3 | 9.1 | 6.8 | 8.6 | 10.0 | 8.9 | 4.8 | 4.8 | 3.7 | 3.5 | 3.4 | 2.9 | 5.1 |
| 4 | 8.8 | 6.8 | 8.7 | 9.6 | 8.8 | 4.8 | 4.7 | 3.6 | 3.3 | 3.3 | 3.0 | 5.2 |
| 5 | 8.7 | 6.8 | 8.8 | 9.5 | 8.9 | 4.9 | 4.4 | 3.7 | 3.3 | 3.3 | 2.9 | 4.8 |
| 6 | 8.6 | 6.8 | 9.3 | 9.4 | 8.7 | 5.1 | 4.3 | 3.8 | 3.7 | 3.2 | 2.8 | 4.8 |
| 7 | 8.2 | 6.6 | 9.7 | 9.2 | 8.7 | 5.1 | 4.2 | 3.8 | 3.8 | 3.2 | 3.2 | 5.2 |
| 8 | 8.0 | 6.4 | 10.0 | 9.1 | 8.4 | 5.6 | 4.2 | 3.7 | 3.7 | 3.1 | 3.3 | 5.2 |
| 9 | 8.0 | 6.1 | 10.1 | 9.0 | 8.1 | 5.7 | 4.4 | 3.8 | 3.6 | 3.1 | 3.3 | 5.2 |
| 10 | 7.9 | 6.2 | 10.5 | 8.9 | 8.0 | 5.8 | 4.5 | 3.9 | 3.5 | 3.0 | 3.6 | 5.3 |
| 11 | 7.7 | 6.3 | 10.6 | 8.8 | 7.6 | 6.1 | 4.4 | 3.9 | 3.5 | 3.0 | 3.5 | 5.2 |
| 12 | 7.5 | 6.5 | 10.8 | 8.7 | 7.2 | 6.1 | 4.5 | 4.0 | 3.6 | 3.0 | 2.6 | 5.2 |
| 13 | 7.0 | 6.6 | 10.9 | 8.8 | 7.0 | 6.2 | 4.6 | 3.6 | 3.6 | 2.9 | 2.8 | 5.1 |
| 14 | 6.9 | 6.6 | 11.0 | 8.8 | 6.8 | 6.5 | 4.6 | 3.6 | 3.8 | 2.9 | 2.9 | 5.1 |
| 15 | 6.8 | 6.7 | 11.1 | 8.8 | 6.6 | 6.6 | 4.7 | 3.6 | 3.5 | 3.0 | 3.0 | 5.2 |
| 16 | 6.6 | 6.8 | 11.2 | 8.8 | 6.4 | 6.7 | 4.8 | 3.6 | 3.5 | 3.0 | 3.8 | 4.9 |
| 17 | 6.5 | 6.8 | 11.3 | 8.8 | 6.0 | 6.7 | 4.7 | 3.5 | 3.5 | 3.0 | 4.1 | 4.8 |
| 18 | 6.5 | 6.9 | 11.4 | 8.7 | 5.8 | 6.2 | 4.7 | 3.5 | 3.6 | 3.0 | 4.8 | 4.7 |
| 19 | 6.8 | 6.9 | 11.5 | 8.7 | 5.8 | 6.1 | 4.8 | 3.4 | 3.6 | 2.8 | 5.2 | 4.8 |
| 20 | 6.8 | 6.8 | 11.5 | 8.5 | 5.7 | 5.9 | 4.7 | 3.4 | 3.6 | 2.8 | 5.1 | 4.8 |
| 21 | 6.7 | 6.8 | 11.3 | 8.5 | 5.6 | 5.7 | 4.7 | 3.3 | 3.5 | 2.9 | 5.2 | 4.8 |
| 22 | 6.5 | 6.8 | 11.3 | 8.6 | 5.0 | 5.7 | 4.8 | | 3.4 | 2.8 | 5.3 | 5.2 |
| 23 | 6.5 | 7.0 | 11.2 | 8.6 | 5.0 | 5.6 | 4.9 | | 3.4 | 2.7 | 5.4 | 5.3 |
| 24 | 6.4 | 7.2 | 11.1 | 8.7 | 4.8 | 5.5 | 5.0 | 3.1 | 3.2 | 2.7 | 5.4 | 5.4 |
| 25 | 6.4 | 7.3 | 11.2 | 8.7 | 4.6 | 5.4 | 4.8 | 3.2 | 3.0 | 2.9 | 5.5 | 5.5 |
| 26 | 6.2 | 7.5 | 11.1 | 8.8 | 4.8 | 5.3 | 4.8 | 3.4 | 3.1 | 3.2 | 5.6 | 5.6 |
| 27 | 6.1 | 7.6 | 11.0 | 8.8 | 4.8 | 4.8 | | 3.5 | 3.4 | 3.3 | 5.6 | 5.6 |
| 28 | 6.2 | 7.8 | 10.8 | 8.9 | 4.8 | 4.8 | | 3.5 | 3.6 | 3.4 | 5.5 | 6.1 |
| 29 | 6.4 | ----- | 10.7 | 9.0 | 5.0 | 4.7 | | 3.6 | 3.7 | 3.4 | 5.4 | 6.5 |
| 30 | 6.6 | ----- | 10.5 | 8.9 | 5.0 | 4.7 | | 3.7 | 3.8 | 3.1 | 5.1 | 7.2 |
| 31 | 6.7 | ----- | 10.2 | ----- | 5.0 | ----- | 4.2 | 3.7 | ----- | 3.0 | ----- | 8.1 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 7.3 | 6.8 | 10.5 | 9.0 | 6.6 | 5.6 | 4.6 | 3.6 | 3.5 | 3.1 | 4.1 | 5.3 |
| MAX | 9.7 | 7.8 | 11.5 | 10.0 | 8.9 | 6.7 | 5.0 | 4.0 | 3.8 | 3.7 | 5.6 | 8.1 |
| MIN | 6.1 | 6.1 | 8.3 | 8.5 | 4.6 | 4.7 | 4.2 | 3.1 | 3.0 | 2.7 | 2.6 | 4.7 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 27 | 29 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

THE MEAN STAGE FOR THE YEAR WAS 5.9.

HIGHEST STAGE WAS 11.5 ON MAR 19 AND LATER DATE(S).

LOWEST STAGE WAS 2.6 ON NOV 12.

DAILY STAGE FOR 1987

GRAND LAKE AT CHARENTON, LA.

LOCATION. LAT. 29-54-20, LONG. 91-31-26. ON WEST BANK OF GRAND LAKE, ABOUT 0.4 MILE NORTHWEST OF CHARENTON FLOODGATE. (STA. 0355513.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. PRIOR TO 1980 GAGE ZERO WAS -0.94 FEET NGVD.

RECORDS AVAILABLE. STAGE, FEB. 18, 1932, TO DATE.

EXTREMES. HIGHEST, 18.93 FEET ON MAY 24 AND 25, 1973. LOWEST, MINUS 0.9 FOOT ON JAN. 19, 1940.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|------|-------|--------|--------|------|--------|------|------|-------|--------|--------|------|
| 1 | 8.00 | 5.57 | 7.04 | 8.65 | 7.52 | 3.32 | | 2.57 | 2.29 | 1.76 | 1.65 | 3.54 |
| 2 | 7.68 | 5.58 | 7.06 | 8.54 | 7.52 | 3.39 F | 3.37 | 2.41 | 2.32 | 2.19 | 1.60 | 3.54 |
| 3 | 7.49 | 5.48 | 7.17 | 8.36 | 7.59 | 3.52 | 3.35 | 2.34 | 2.14 | 2.25 | 1.72 | 3.69 |
| 4 | 7.32 | 5.43 | 7.37 F | 8.17 | 7.52 | 3.55 | 3.17 | 2.31 | 2.09 | 1.81 | 1.71 | 3.67 |
| 5 | 7.02 | 5.42 | 7.62 | 8.06 | 7.37 | 3.57 | 3.22 | 2.40 | 2.22 | 2.05 | 2.04 | 3.48 |
| 6 | 7.00 | 5.26 | 7.96 | 7.91 | 7.09 | 3.75 | 3.30 | 2.42 | 2.37 | 2.12 | 1.74 | 3.62 |
| 7 | 6.96 | 5.12 | 8.32 | 7.82 | 6.82 | 4.09 | 3.31 | 2.40 | 2.32 | 1.86 | 1.93 F | 3.87 |
| 8 | 6.87 | 4.97 | 8.58 | 7.72 | 6.60 | 4.44 | 3.49 | 2.37 | 2.27 | 1.88 | 2.23 | 3.85 |
| 9 | 6.76 | 5.05 | 8.82 | 7.65 | 6.39 | 4.65 | 3.37 | 2.36 | 2.25 | 2.13 | 2.46 | 4.03 |
| 10 | 6.55 | 5.12 | 9.07 | 7.58 | 6.20 | 4.69 | 3.22 | 2.82 | 2.39 | 1.94 | 2.23 | 3.87 |
| 11 | 6.17 | 5.20 | 9.22 | 7.55 | 5.95 | 4.79 | | 2.65 | 2.58 | 2.00 | 1.38 | 3.84 |
| 12 | 5.94 | 5.24 | 9.37 | 7.47 | 5.87 | 4.90 | | 2.45 | 2.43 | 1.60 | 0.90 | 3.88 |
| 13 | | 5.26 | 9.55 | 7.47 | 6.19 | 4.86 | | 2.31 | 2.64 | 1.18 | 1.31 | 3.87 |
| 14 F | 5.47 | 5.31 | 9.69 | 7.58 | 6.39 | 5.25 F | 3.42 | 2.30 | 2.50 | 1.55 | 1.58 | 3.92 |
| 15 | 5.47 | 5.42 | 9.81 | 7.48 | 6.58 | 5.12 | 3.37 | 2.27 | 2.37 | 1.80 | 1.93 | 4.05 |
| 16 | 5.45 | 5.56 | 9.89 | 7.38 | 6.93 | 5.05 | 3.37 | 2.30 | 2.43 | 1.73 | 2.65 | 3.53 |
| 17 | | 5.60 | 10.02 | 7.32 | 7.12 | 4.88 | 3.41 | 2.29 | 2.54 | 1.68 | 3.34 | 3.37 |
| 18 | | 5.59 | 10.21 | 7.27 | 7.20 | 4.85 | 3.48 | 2.14 | 2.34 | 1.44 | 3.58 | 3.45 |
| 19 | | 5.50 | 10.14 | 7.16 | 7.38 | 4.65 | 3.46 | 1.98 | 2.39 | 1.43 | 3.85 | 3.60 |
| 20 | | 5.47 | 10.07 | 7.07 | 7.52 | 4.52 | 3.49 | 1.99 | 2.11 | 1.66 | 3.77 | 3.89 |
| 21 | | 5.57 | 9.97 | 7.12 | 7.73 | 4.49 | 3.56 | 1.92 | 2.12 | 1.58 | 3.84 | 3.94 |
| 22 | | 5.87 | 9.86 | 7.15 | 7.96 | 4.48 | 3.57 | 1.85 | 2.12 | 1.35 | 4.09 | 4.13 |
| 23 | | 5.97 | 9.82 | 7.17 | | 4.40 | 3.66 | 1.77 | 1.83 | 1.80 | 4.28 | 3.97 |
| 24 | | 6.17 | 9.87 | 7.25 | | 4.15 | 3.69 | 1.84 | 2.00 | 2.02 | 4.25 | 4.08 |
| 25 | | 6.22 | 9.77 | 7.35 | | 3.99 | 3.64 | 1.91 | 2.25 | 2.03 | 4.38 | 4.25 |
| 26 | | 6.32 | 9.62 | 7.42 | | 3.76 | 3.60 | 2.13 | 2.25 | 2.14 | 4.24 | 4.45 |
| 27 | | 6.72 | 9.46 | 7.46 F | 3.32 | 3.49 | 3.54 | 2.10 | 2.50 | 2.02 F | 3.85 | 4.57 |
| 28 F | 5.12 | 6.92 | 9.28 | 7.46 | 3.37 | 3.45 | 3.34 | 2.02 | 2.53 | 1.36 | 3.70 | 4.79 |
| 29 | 5.25 | ----- | 9.15 | 7.48 | 3.40 | | 3.24 | 2.02 | 2.37 | 1.55 | 3.60 | 5.25 |
| 30 | 5.38 | ----- | 9.02 | 7.52 | 3.44 | ----- | 2.98 | 2.10 | 1.99 | 1.78 | 3.64 | 6.04 |
| 31 | 5.44 | ----- | 8.77 | ----- | 3.39 | ----- | 2.82 | 2.27 | ----- | 1.70 | ----- | 6.93 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 6.39 | 5.60 | 9.08 | 7.59 | 6.31 | 4.29 | 3.39 | 2.23 | 2.30 | 1.79 | 2.78 | 4.10 |
| MAX | 8.00 | 6.92 | 10.21 | 8.65 | 7.96 | 5.25 | 3.69 | 2.82 | 2.64 | 2.25 | 4.38 | 6.93 |
| MIN | 5.12 | 4.97 | 7.04 | 7.07 | 3.32 | 3.32 | 2.82 | 1.77 | 1.83 | 1.18 | 0.90 | 3.37 |
| DAYS | 19 | 28 | 31 | 30 | 27 | 28 | 27 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 343

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 4.59.

HIGHEST STAGE WAS 10.21 AT 5:00 A.M. ON MAR 18.

LOWEST STAGE WAS 0.90 ON NOV 12.

DAILY STAGE FOR 1987

KEELBOAT PASS BELOW LAKE CHICOT (LA.)

LOCATION. LAT. 30-02-19, LONG. 91-27-22. ON RIGHT BANK, ABOUT ONE MILE ABOVE MOUTH AND AT MILE 84, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0361509.)

GAGE. AUTOMATIC RECORDER AND STAFF.

DISCHARGE RANGE. NEAR MOUTH OF PASS.

RECORDS AVAILABLE. STAGE, MAY 1928 TO DEC. 1965, AND JAN. 1971 TO DATE. GAGE ZERO PRIOR TO 1971 WAS MINUS 0.13 FOOT, NGVD. DISCHARGE, INTERMITTENTLY, 1944 TO 1950, AND 1955 TO 1961.

EXTREMES. (PRESENT DATUM) HIGHEST, (FROM INCOMPLETE RECORD) 18.23 FEET ON MAY 24, 1973.
LOWEST, 0.27 FOOT ON NOV. 4, 1939.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1966 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 6.34 | 3.76 | 4.60 | 6.58 | 4.90 | 2.78 | 3.00 | 1.98 | 1.68 | 1.30 | 1.32 | 2.70 |
| 2 | 6.20 | 3.78 | 4.70 | 6.45 | 4.91 | 2.70 | 3.13 | 1.80 | 1.70 | 1.42 | 1.35 | 2.63 |
| 3 | 6.06 | 3.78 | 4.74 | 6.33 | 4.95 | 2.62 | 3.04 | 1.71 | 1.67 | 1.55 | 1.42 | 2.60 |
| 4 | 5.88 | 3.78 | 4.80 | 6.20 | 5.00 | 2.60 | 2.92 | 1.69 | 1.58 | 1.23 | 1.51 | 2.60 |
| 5 | 5.80 | 3.78 | 4.84 | 6.09 | 5.09 | 2.57 | 2.80 | 1.70 | 1.60 | 1.32 | 1.77 | 2.59 |
| 6 | 5.63 | 3.75 | 4.92 | 5.94 | 5.05 | 2.53 | 2.69 | 1.75 | 1.82 | 1.59 | 1.67 | 2.56 |
| 7 | 5.50 | 3.68 | 5.05 | 5.86 | 5.00 | 2.58 | 2.63 | 1.83 | 1.90 | 1.50 | 1.58 | 2.63 |
| 8 | 5.40 | 3.68 | 5.25 | 5.73 | 4.91 | 2.70 | 2.73 | 1.82 | 1.83 | 1.42 | 1.79 | 2.70 |
| 9 | 5.30 | 3.60 | 5.45 | 5.63 | 4.86 | 2.87 | 2.79 | 1.90 | 1.80 | 1.58 | 1.99 | 2.74 |
| 10 | 5.27 | 3.58 | 5.64 | 5.53 | 4.80 | 2.98 | 2.72 | 2.24 | 1.79 | 1.52 | 2.10 | 2.77 |
| 11 | 5.03 | 3.52 | 5.80 | 5.45 | 4.70 | 3.10 | 2.70 | 2.50 | 1.80 | 1.52 | 1.40 | 2.77 |
| 12 | 4.93 | 3.50 | 5.96 | 5.40 | 4.58 | 3.28 | 2.68 | 2.48 | 1.83 | 1.30 | 0.80 | 2.77 |
| 13 | 4.79 | 3.50 | 6.12 | 5.38 | 4.42 | 3.43 | 2.64 | 2.22 | 1.87 | 0.80 | 0.95 | 2.76 |
| 14 | 4.68 | 3.50 | 6.30 | 5.40 | 4.32 | 4.15 | 2.65 | 2.08 | 1.88 | 0.94 | 1.10 | 2.87 |
| 15 | 4.59 | 3.65 | 6.46 | 5.40 | 4.22 | 4.02 | 2.51 | 1.90 | 1.80 | 1.26 | 1.40 | 2.68 |
| 16 | 4.50 | 3.62 | 6.62 | 5.31 | 4.08 | 4.00 | 2.39 | 1.79 | 1.79 | 1.30 | 2.10 | 2.80 |
| 17 | 4.50 | 3.68 | 6.95 | 5.27 | 3.92 | 4.00 | 2.30 | 1.79 | 1.92 | 1.31 | 2.55 | 2.72 |
| 18 | 4.50 | 3.68 | 7.05 | 5.20 | 3.80 | 4.15 | 2.38 | 1.72 | 1.89 | 1.18 | 2.50 | 2.63 |
| 19 | 4.35 | 3.70 | 7.15 | 5.12 | 3.68 | 4.14 | 2.29 | 1.60 | 1.92 | 1.17 | 2.49 | 2.60 |
| 20 | 4.32 | 3.72 | 7.19 | 5.05 | 3.53 | 4.00 | 2.28 | 1.51 | 1.80 | 1.31 | 2.51 | 2.66 |
| 21 | 4.24 | 3.70 | 7.19 | 5.00 | 3.40 | 3.90 | 2.41 | 1.40 | 1.60 | 1.42 | 2.52 | 2.70 |
| 22 | 4.30 | 3.80 | 7.13 | 4.92 | 3.29 | 3.82 | 2.57 | 1.33 | 1.70 | 0.93 | 2.57 | 2.84 |
| 23 | 4.18 | 3.82 | 7.12 | 4.90 | 3.19 | 3.71 | 2.63 | 1.25 | 1.50 | 1.30 | 2.63 | 2.87 |
| 24 | 4.08 | 3.88 | 7.19 | 4.87 | 3.00 | 3.60 | 2.68 | 1.33 | 1.50 | 1.60 | 2.71 | 2.92 |
| 25 | 4.05 | 3.98 | 7.13 | 4.85 | 2.95 | 3.56 | 2.67 | 1.42 | 1.70 | 1.70 | 2.80 | 2.98 |
| 26 | 3.98 | 4.10 | 7.10 | 4.82 | 2.85 | 3.38 | 2.67 | 1.70 | 1.78 | 1.79 | 2.85 | 2.98 |
| 27 | 3.90 | 4.42 | 7.02 | 4.82 | 2.75 | 3.27 | 2.70 | 1.71 | 1.90 | 1.79 | 2.88 | 3.00 |
| 28 | 3.82 | 4.42 | 6.98 | 4.83 | 2.75 | 3.10 | 2.67 | 1.63 | 1.95 | 1.20 | 2.81 | 3.00 |
| 29 | 3.80 | ----- | 6.89 | 4.84 | 2.78 | 2.97 | 2.59 | 1.50 | 1.95 | 1.23 | 2.81 | 3.04 |
| 30 | 3.75 | ----- | 6.73 | 4.88 | 2.80 | 3.10 | 2.41 | 1.60 | 1.65 | 1.33 | 2.72 | 3.12 |
| 31 | 3.75 | ----- | 6.70 | ----- | 2.83 | ----- | 2.20 | 1.65 | ----- | 1.39 | ----- | 3.32 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.76 | 3.76 | 6.22 | 5.40 | 3.98 | 3.32 | 2.63 | 1.76 | 1.77 | 1.36 | 2.05 | 2.79 |
| MAX | 6.34 | 4.42 | 7.19 | 6.58 | 5.09 | 4.15 | 3.13 | 2.50 | 1.95 | 1.79 | 2.88 | 3.32 |
| MIN | 3.75 | 3.50 | 4.60 | 4.82 | 2.75 | 2.53 | 2.20 | 1.25 | 1.50 | 0.80 | 0.80 | 2.56 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 3.31.

HIGHEST STAGE WAS 7.35 AT 2:30 P.M. ON MAR 23.

LOWEST STAGE WAS 0.68 ON OCT 13.

DAILY STAGE FOR 1987

SIX MILE LAKE NEAR VERDUNVILLE, LA.

LOCATION. LAT. 29-43-49, LONG. 91-23-35. ON WEST BANK IN VERDUNVILLE CANAL, OPPOSITE MILE 105.2, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0364510.)

GAGE. AUTOMATIC RECORDER AND STAFF.

DISCHARGE RANGE. ABOUT 200 FEET ABOVE GAGE.

RECORDS AVAILABLE. STAGE, JULY 6, 1933, TO DATE. GAGE HAS BEEN LOCATED IN CYPRESS PASS AT CYPRESS ISLAND DURING PERIOD OF RECORD. DISCHARGE, INTERMITTENTLY, 1937 TO DATE.

EXTREMES. HIGHEST, 15.22 FEET (FROM INCOMPLETE RECORD) ON MAY 24 AND 25, 1973. LOWEST, MINUS 2.23 FEET ON OCT. 18, 1948.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.88 | 4.14 | 5.24 | 6.38 | 5.44 | 2.27 | 2.60 | 1.91 | 2.03 | 1.26 | 1.34 | 1.97 |
| 2 | 5.60 | 4.05 | 5.14 | 6.33 | 5.49 | 2.33 | 2.60 | 1.80 | 2.04 | 2.11 | 1.10 | 1.93 |
| 3 | 5.54 | 3.83 | 5.24 | 6.10 | 5.56 | 2.44 | 2.78 | 1.92 | 1.99 | 1.39 | 1.15 | 2.10 |
| 4 | 5.28 | | 5.35 | 5.95 | 5.52 | 2.44 | 2.40 | 2.08 | 2.09 | 1.42 | 1.20 | 2.10 |
| 5 | 5.03 | | 5.55 | 5.85 | 5.29 | 2.58 | 2.49 | 2.27 | 2.41 | 1.57 | 1.36 | 1.90 |
| 6 | 5.04 | | 5.87 | 5.76 | 5.04 | 2.60 | 2.76 | 2.49 | 2.37 | 1.42 | 0.68 | 2.35 |
| 7 | 4.94 | | 6.22 | 5.69 | 4.77 | 3.09 | 3.07 | 2.26 | 2.07 | 0.86 | 1.52 | 2.82 |
| 8 | 4.81 | | 6.52 | 5.60 | 4.63 | 3.49 | 3.02 | 2.43 | 2.01 | 0.94 | 1.85 | 2.65 |
| 9 | 4.75 | | 6.64 | 5.55 | 4.49 | 3.76 | 2.93 | 2.49 | 1.74 | 1.50 | 2.25 | 2.73 |
| 10 | 4.55 | | 6.80 | 5.50 | 4.40 | 3.83 | 3.07 | 3.06 | 1.86 | 1.32 | 1.70 | 2.55 |
| 11 | 4.15 | | 6.87 | 5.49 | 4.28 | 3.84 | 2.95 | 2.45 | 2.27 | 1.56 | -0.58 | 2.40 |
| 12 | 3.95 | | 6.99 | 5.52 | 4.10 | 3.88 | 2.94 | 2.18 | 1.95 | 0.97 | 0.99 | 2.55 |
| 13 | 3.88 | | 7.10 | 5.65 | 3.96 | 3.63 | 2.74 | 1.89 | 1.99 | 0.94 | 1.05 | 2.38 |
| 14 | 3.79 | | 7.25 | 5.71 | 3.76 | 3.94 | 2.38 | 1.68 | 1.99 | 1.63 | 1.36 | 2.60 |
| 15 | 3.95 | | 7.35 | 5.50 | 3.42 | 3.78 | 2.39 | 1.74 | 2.04 | 1.64 | 1.64 | 2.65 |
| 16 | 3.92 | | 7.43 | 5.43 | 2.96 | 3.64 | 2.33 | 1.90 | 2.44 | 1.64 | 2.45 | 1.73 |
| 17 | 3.85 | F | 7.55 | 5.35 | 2.86 | 3.46 | 2.46 | 1.91 | 2.43 | 1.42 | 2.40 | 1.60 |
| 18 | 4.14 | 3.80 | 7.88 | 5.25 | 2.93 | 3.48 | 2.56 | 1.84 | 2.20 | 1.14 | 2.30 | 1.85 |
| 19 | 3.82 | 3.72 | 7.72 | 5.12 | 2.90 | 3.36 | 2.54 | 1.88 | 2.26 | 1.22 | 2.50 | 2.02 |
| 20 | 3.72 | 3.67 | 7.60 | 5.05 | 2.85 | 3.33 | 2.96 | 1.70 | 1.85 | 1.36 | 2.21 | 2.40 |
| 21 | 3.58 | 3.75 | 7.52 | 5.11 | 2.70 | 3.37 | 2.93 | 1.70 | 1.81 | 0.17 | 2.23 | 2.36 |
| 22 | 3.56 | 4.12 | 7.41 | 5.11 | 2.60 | 3.42 | 3.03 | 1.57 | 1.60 | 1.00 | 2.66 | 2.67 |
| 23 | 3.24 | 4.07 | 7.43 | 5.12 | 2.44 | 3.34 | 3.13 | 1.33 | 0.96 | 1.30 | 2.96 | 2.65 |
| 24 | 3.33 | 4.34 | 7.58 | 5.24 | 2.63 | 3.19 | 3.07 | 1.75 | 1.57 | 1.40 | 2.99 | 2.90 |
| 25 | 3.55 | 4.36 | 7.39 | 5.28 | 2.72 | 3.13 | 3.00 | 1.99 | 1.69 | 1.35 | 3.20 | 3.00 |
| 26 | 3.13 | 4.52 | 7.32 | 5.35 | 2.93 | 2.75 | 2.86 | 1.95 | 1.75 | 1.74 | 3.13 | 2.94 |
| 27 | 3.20 | 5.12 | 7.24 | 5.44 | 3.10 | 2.38 | 2.77 | 1.77 | 1.98 | 1.35 | 2.64 | 2.92 |
| 28 | 3.52 | 5.37 | 7.05 | 5.44 | 3.04 | 2.70 | 2.45 | 1.84 | 2.09 | 1.41 | 2.18 | 2.82 |
| 29 | 3.68 | ----- | 6.97 | 5.42 | 2.77 | 2.90 | 2.37 | 1.45 | 1.91 | 1.59 | 2.14 | 3.06 |
| 30 | 3.87 | ----- | 6.89 | 5.48 | 2.53 | 2.72 | 2.28 | 1.72 | 1.32 | 1.63 | 2.20 | 3.70 |
| 31 | 3.84 | ----- | 6.48 | ----- | 2.37 | ----- | 2.09 | 1.94 | ----- | 1.50 | ----- | 4.57 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| MEAN | 4.16 | 4.18 | 6.83 | 5.53 | 3.69 | 3.16 | 2.71 | 1.96 | 1.96 | 1.35 | 1.89 | 2.54 |
| MAX | 5.88 | 5.37 | 7.88 | 6.38 | 5.56 | 3.94 | 3.13 | 3.06 | 2.44 | 2.11 | 3.20 | 4.57 |
| MIN | 3.13 | 3.67 | 5.14 | 5.05 | 2.37 | 2.27 | 2.09 | 1.33 | 0.96 | 0.17 | -0.58 | 1.60 |
| DAYS | 31 | 15 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 3.29

HIGHEST STAGE WAS 7.98 AT 11:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.58 ON NOV 11.

DAILY STAGE FOR 1987

WAX LAKE OUTLET AT CALUMET, LA

LOCATION. LAT. 29-42-09, LONG. 91-22-07. ON WEST SIDE OF EAST CALUMET FLOODGATE, DOWNSTREAM END, ABOUT 9.6 MILES WEST OF MORGAN CITY, LA., AND AT MILE 111.1, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0372010.)

GAGE. AUTOMATIC RECORDER AND STAFF

DISCHARGE RANGE. AT MILE 111.4, U. S. HIGHWAY 90 BRIDGE ABOUT 200 FEET UPSTREAM FROM SOUTHERN PACIFIC RAILROAD BRIDGE.

RECORDS AVAILABLE. STAGE, MAY 14, 1942, TO DATE. THE LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD. DISCHARGE, 1942 TO 1946, 1949 TO 1955, AND INTERMITTENTLY, 1957 TO DATE.

EXTREMES. HIGHEST, 11.16 FEET ON MAY 27, 1973. LOWEST, MINUS 2.68 FEET ON OCT. 18, 1948.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, MINUS 0.14 FOOT, NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|--------|-------|-------|------|
| 1 | 4.09 | 3.02 | 3.70 | 4.36 | 3.74 | 1.67 | 2.15 | 1.54 | 1.76 | 1.02 | 1.14 | 1.03 |
| 2 | 3.87 | 2.80 | 3.51 | 4.31 | 3.83 | 1.69 | 2.10 | 1.43 | 1.77 | 1.89 | 0.86 | 1.00 |
| 3 | 3.98 | 2.55 | 3.60 | 3.98 | 3.90 | 1.88 | 2.15 | 1.57 | 1.89 | 0.93 | 0.77 | 1.18 |
| 4 | 3.63 | 2.63 | 3.56 | 3.93 | 3.92 | 1.79 | 1.97 | 1.80 | 1.93 | 1.20 | 0.86 | 1.16 |
| 5 | 3.43 | 2.28 | 3.68 | 3.79 | 3.57 | 1.64 | 1.94 | 2.05 | 2.34 | 1.28 | 0.89 | 1.05 |
| 6 | 3.48 | 2.24 | 3.95 | 3.76 | 3.37 | 1.82 | 2.34 | 2.30 | 2.30 | 1.08 | 0.34 | 1.65 |
| 7 | 3.30 | 2.03 | 4.17 | 3.71 | 3.12 | 2.34 | 2.65 | 1.95 | 1.93 | 0.47 | 1.07 | 2.20 |
| 8 | 3.15 | 1.92 | 4.51 | 3.65 | 3.04 | 2.70 | 2.49 | 2.26 | 1.75 | 0.59 | 1.37 | 1.95 |
| 9 | 3.20 | 1.83 | 4.56 | 3.59 | 2.95 | 3.07 | 2.50 | 2.31 | 1.50 | 1.20 | 1.82 | 1.96 |
| 10 | 3.03 | 2.06 | 4.63 | 3.58 | 2.97 | 3.17 | 2.70 | 2.88 | 1.65 | 1.05 | 1.17 | 1.80 |
| 11 | 2.98 | 2.21 | 4.61 | 3.61 | 2.98 | 3.20 | 2.55 | 2.27 | 2.11 | 1.28 | 0.32 | 1.64 |
| 12 | 2.47 | 2.26 | 4.76 | 3.76 | 2.94 | 3.37 | 2.50 | 1.96 | 1.71 | 0.78 | 0.89 | 1.86 |
| 13 | 2.50 | 2.26 | 4.85 | 4.08 | 2.95 | 3.37 | 2.28 | 1.69 | 1.59 | 0.84 | 0.75 | 1.63 |
| 14 | | 2.42 | 5.05 | 3.97 | 2.83 | 3.27 | 1.80 | 1.40 | 1.76 | 1.48 | 1.20 | 2.00 |
| 15 | | 2.71 | 5.18 | 3.76 | 2.57 | 2.92 | 1.75 | 1.38 | 1.86 | 1.50 | 1.35 | 1.80 |
| 16 | | 2.76 | 5.28 | 3.66 | 2.45 | 2.75 | 1.75 | 1.57 | 2.40 | 1.50 | 2.41 | 0.75 |
| 17 | | 2.54 | 5.43 | 3.80 | 2.36 | 2.59 | 1.83 | 1.57 | 2.33 | 1.28 | 1.70 | 0.67 |
| 18 | | 2.34 | 5.80 | 3.62 | 2.00 | 2.77 | 1.93 | 1.59 | 2.12 | 1.03 | 1.39 | 1.00 |
| 19 | | 2.41 | 5.60 | 3.45 | 1.68 | 2.40 | 1.88 | 1.70 | 2.17 | 1.10 | 1.54 | 1.23 |
| 20 | | 2.34 | 5.43 | 3.37 | 1.83 | 2.46 | 2.45 | 1.36 | 1.68 | 1.17 | 1.17 | 1.60 |
| 21 | | 2.29 | 5.37 | 3.35 | 1.87 | 2.54 | 2.41 | 1.49 | 1.63 F | -0.05 | 1.13 | 1.45 |
| 22 | | 2.71 | 5.26 | 3.34 | 2.03 | 2.61 | 2.57 | 1.41 | 1.39 | 0.75 | 1.70 | 1.85 |
| 23 | | 2.48 | 5.33 | 3.33 | 2.03 | 2.61 | 2.61 | 1.59 | 0.72 | 1.07 | 2.05 | 1.92 |
| 24 | | 2.81 | 5.50 | 3.48 | 1.74 | 2.51 | 2.53 | 1.64 | 1.23 | 1.12 | 2.13 | 2.25 |
| 25 | | 2.83 | 5.28 | 3.45 | 1.46 | 2.54 | 2.44 | 1.86 | 1.30 | 1.08 | 2.37 | 2.35 |
| 26 | | 3.10 | 5.26 | 3.52 | 1.27 | 2.10 | 2.28 | 1.82 | 1.49 | 1.57 | 2.47 | 2.13 |
| 27 | 1.83 | 3.77 | 5.21 | 3.67 | 0.91 | 1.72 | 2.17 | 1.62 | 1.65 | 1.00 | 1.93 | 1.97 |
| 28 | 2.21 | 4.06 | 5.03 | 3.73 | 0.83 | 2.10 | 1.90 | 1.68 | 1.79 | 1.33 | 1.28 | 1.52 |
| 29 | 2.43 | ----- | 5.01 | 3.68 | 1.35 | 2.38 | 1.85 | 1.17 | 1.71 | 1.50 | 1.28 | 1.55 |
| 30 | 2.60 | ----- | 4.83 | 3.78 | 1.38 | 2.24 | 1.82 | 1.61 | 1.07 | 1.48 | 1.37 | 2.03 |
| 31 | 2.48 | ----- | 4.38 | ----- | 1.42 | ----- | 1.64 | 1.63 | ----- | 1.35 | ----- | 2.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| MEAN | 3.01 | 2.56 | 4.78 | 3.70 | 2.43 | 2.47 | 2.19 | 1.75 | 1.75 | 1.12 | 1.36 | 1.64 |
| MAX | 4.09 | 4.06 | 5.80 | 4.36 | 3.92 | 3.37 | 2.70 | 2.88 | 2.40 | 1.89 | 2.47 | 2.80 |
| MIN | 1.83 | 1.83 | 3.51 | 3.33 | 0.83 | 1.64 | 1.64 | 1.17 | 0.72 | -0.05 | 0.32 | 0.67 |
| DAYS | 18 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.37

HIGHEST STAGE WAS 6.03 AT 9:00 P. M. ON MAR 17

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS MINUS 0.08 ON OCT 21

DAILY STAGE FOR 1987

LOWER ATCHAFALAYA RIVER AT BERWICK LOCK (LA) (WEST)

LOCATION. LAT. 29-43-05. LONG. 91-13-29. ON WEST SIDE OF LOCK, 1.8 MILES NORTHWEST OF MORGAN CITY, LA. (STA 0375010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, DEC 13, 1955, TO DATE

EXTREMES HIGHEST, (FROM INCOMPLETE RECORD) 4.68 FEET ON APR. 18, 1973. LOWEST, MINUS 2.00 FEET ON JAN. 8, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|--------|------|-------|------|
| 1 | 3.12 | 2.67 | 3.49 | 3.22 | 2.46 | 1.87 | 1.92 | 1.62 | 1.85 | 1.18 | 1.34 | 1.37 |
| 2 | 3.07 | 2.67 | 3.25 | 3.17 | 2.45 | 1.87 | 2.16 | 1.53 | 1.92 | 2.05 | 1.10 | 1.29 |
| 3 | 3.00 | 2.51 | 3.15 | 3.14 | 2.43 | 1.75 | 2.55 | 1.70 | 1.90 | 1.37 | 1.19 | 1.43 |
| 4 | 3.10 | 2.52 | 3.09 | 3.06 | 2.43 | 1.69 | 1.93 | 1.98 | 2.07 | 1.18 | 1.10 | 1.50 |
| 5 | 3.04 | 2.38 | 3.05 | 3.02 | 2.45 | 1.40 | 2.08 | 2.20 | 2.48 | 1.60 | 1.33 | 1.32 |
| 6 | 3.00 | 2.30 | 3.04 | 2.99 | 2.50 | 1.71 | 2.38 | 2.47 | 2.37 | 1.27 | 0.47 | 1.84 |
| 7 | 2.95 | 2.22 | 3.00 | 2.95 | 2.47 | 2.15 | 2.76 | 2.27 | 2.05 | 0.74 | 1.39 | 2.42 |
| 8 | 2.91 | 2.05 | 3.01 | 2.91 | 2.46 | 2.55 | 2.83 | 2.40 | 1.93 | 0.76 | 1.77 | 2.17 |
| 9 | 2.88 | 1.93 | 2.99 | 2.87 | 2.57 | 2.85 | 2.58 | 2.25 | 1.58 | 1.35 | 2.24 | 2.14 |
| 10 | 2.86 | 2.13 | 2.98 | 2.83 | 2.63 | 2.42 | 2.80 | 2.76 | 1.70 | 1.15 | 1.65 | 2.02 |
| 11 | 2.74 | 2.25 | 2.95 | 2.80 | 2.65 | 2.47 | 2.64 | 2.36 | 2.11 | 1.48 | 0.40 | 1.84 |
| 12 | 2.64 | 2.30 | 2.93 | 2.77 | 2.61 | 2.70 | 2.58 | 2.02 | 1.74 | 0.86 | 0.85 | 1.95 |
| 13 | 2.45 | 2.30 | 2.90 | 2.74 | 2.58 | 2.86 | 2.36 | 1.77 | 1.86 | 0.94 | 0.85 | 1.81 |
| 14 | 2.50 | 2.43 | 2.90 | 2.93 | 2.56 | 3.14 | 1.86 | 1.44 | 1.71 | 1.60 | 1.20 | 2.05 |
| 15 | 2.57 | 2.67 | 2.90 | 2.89 | 2.55 | 3.06 | 1.74 | 1.50 | 1.88 | 1.60 | 1.47 | 2.20 |
| 16 | 2.70 | 2.68 | 2.95 | 2.84 | 2.27 | 2.80 | 1.67 | 1.68 | 2.34 | 1.55 | 2.21 | 1.21 |
| 17 | 2.66 | 2.51 | 2.93 | 2.80 | 2.35 | 2.54 | 1.84 | 1.66 | 2.36 | 1.38 | 1.98 | 1.05 |
| 18 | 2.67 | 2.36 | 3.08 | 2.78 | 2.18 | 2.76 | 2.00 | 1.64 | 2.19 | 1.15 | 1.88 | 1.30 |
| 19 | 2.70 | 2.25 | 3.13 | 2.74 | 2.00 | 2.50 | 2.04 | 1.84 | 2.24 | 1.27 | 2.01 | 1.45 |
| 20 | 2.38 | 2.20 | 3.13 | 2.72 | 1.97 | 2.35 | 2.55 | 1.65 | 1.77 | 1.40 | 1.63 | 1.90 |
| 21 | 2.37 | 2.26 | 3.15 | 2.70 | 1.93 | | 2.50 | 1.69 | 1.92 | 0.07 | 1.55 | 1.75 |
| 22 | 2.47 | 2.67 | 3.18 | 2.70 | 1.83 | | 2.62 | 1.68 | 1.63 | 1.05 | 2.00 | 2.12 |
| 23 | 2.06 | 2.48 | 3.19 | 2.70 | 1.81 | | 2.70 | 1.84 | 0.80 | 1.37 | 2.36 | 2.06 |
| 24 | 2.28 | 2.62 | 3.37 | 2.67 | 2.20 | | 2.63 | 1.80 | 1.57 | 1.37 | 2.40 | 2.33 |
| 25 | 2.58 | 2.63 | 3.34 | 2.62 | 2.35 | | 2.50 | 1.89 | 1.64 | 1.25 | 2.57 | 2.40 |
| 26 | 2.08 | 2.64 | 3.29 | 2.59 | 2.57 | | 2.33 | 1.85 | 1.75 | 1.70 | 2.35 | 2.29 |
| 27 | 2.08 | 3.64 | 3.27 | 2.56 | 2.77 | | 2.15 | 1.63 | 1.95 | 1.34 | 2.13 | 2.18 |
| 28 | 2.34 | 3.50 | 3.22 | 2.55 | 2.80 | | 1.99 | 1.75 | 2.07 | 1.45 | 1.71 | 1.86 |
| 29 | 2.49 | ----- | 3.19 | 2.50 | 2.56 | | 1.97 | 1.03 | 1.83 M | 1.51 | 1.54 | 1.80 |
| 30 | 2.65 | ----- | 3.36 | 2.49 | 2.32 | 2.13 | 1.86 | 1.55 | 1.15 | 1.54 | 1.63 | 2.13 |
| 31 | 2.54 | ----- | 3.29 | ----- | 2.14 | ----- | 1.75 | 1.82 | ----- | 1.45 | ----- | 2.48 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.64 | 2.49 | 3.12 | 2.81 | 2.38 | 2.36 | 2.27 | 1.85 | 1.88 | 1.29 | 1.61 | 1.86 |
| MAX | 3.12 | 3.64 | 3.49 | 3.22 | 2.80 | 3.14 | 2.83 | 2.76 | 2.48 | 2.05 | 2.57 | 2.48 |
| MIN | 2.06 | 1.93 | 2.90 | 2.49 | 1.81 | 1.40 | 1.67 | 1.03 | 0.80 | 0.07 | 0.40 | 1.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 21 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 356

M=MALFUNCTION

THE MEAN STAGE FOR THE YEAR WAS 2.21

HIGHEST STAGE WAS 3.82 AT 5 00 A.M. ON FEB 27

LOWEST STAGE WAS MINUS 0.31 ON OCT 21

DAILY STAGE FOR 1987

LOWER ATCHAFALAYA RIVER AT BERWICK LOCK (LA.) (EAST)

LOCATION. LAT. 29-43-03. LONG. 91-13-28. ABOUT 75 FEET EAST OF LOCK, 1.8 MILES NORTHWEST OF
MORGAN CITY, LA. (STA. 0376510.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1955 TO DATE.

| STAGE IN FEET | | | | | | | | | | | | |
|----------------------------------|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| GAGE ZERO IS AT NGVD (1983 ADJ.) | | | | | | | | | | | | |
| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 1 | | | | | | | | | 1.90 | | | 1.38 |
| 2 | | | | | | 1.70 | | | | | 1.20 | |
| 3 | | 2.41 | | | | | | 1.98 | | | | |
| 4 | | | | | 3.48 | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | 1.48 | | |
| 7 | 3.30 | | | 3.77 | | | 2.69 | | | | | |
| 8 | | | | | | | | | | | | 2.25 |
| 9 | | | | | | | | | 1.60 | | | |
| 10 | | 2.11 | 4.10 | | | | | | | | | |
| 11 | | | | | 3.05 | | | | | | | |
| 12 | | | | | | | | | | | 0.90 | |
| 13 | 2.55 | | | | | | 1.76 | | | | | |
| 14 | | | | | | | | | 1.80 | | | 2.15 |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | 2.60 | | | | | | |
| 17 | | 2.50 | 4.20 | | | | | | | | 2.00 | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | 1.50 | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | 3.17 | | | | | | | | 3.20 |
| 23 | | | | | | 2.60 | | | | | | |
| 24 | | | 5.10 | | | | | | | | | |
| 25 | | | | | | | | 1.98 | | | | |
| 26 | | | | | | | | | | | | |
| 27 | 1.90 | | | | | | | | | | | |
| 28 | | | | | | | 1.89 | | | | | |
| 29 | | ----- | | 3.40 | | | | | 1.80 | | | 1.90 |
| 30 | | ----- | | | | 2.02 | | | | | | |
| 31 | | ----- | | ----- | | ----- | | | ----- | | ----- | |

DAILY STAGE FOR 1987

LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.

LOCATION. LAT. 29-41-40, LONG. 91-12-39. U. S. COAST GUARD DOCK ON LEFT BANK, 300 FEET DOWNSTREAM FROM U. S. HIGHWAY 90 BRIDGE AND AT MILE 117.7, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0378010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

DISCHARGE RANGE. ABOUT 1,300 FEET UPSTREAM FROM HIGHWAY BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA NOT DETERMINED. BANKFULL STAGE, 4.0 FEET. NATURAL FLOW IS AFFECTED BY TIDES. ON OCT. 4, 1974 GAGE WAS RAISED 3.12 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU OCT. 3 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS MINUS 2.94 FEET, NGVD.

RECORDS AVAILABLE. STAGE, 1905 TO DATE. THE LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD. DISCHARGE, INTERMITTENTLY FROM 1927 TO DATE.

EXTREMES. HIGHEST. (FROM INCOMPLETE RECORD) 10.53 FEET ON MAY 28, 1973. LOWEST, MINUS 5.44 FEET (AFFECTED BY STORM) ON AUG. 25, 1926. EXTREMES HAVE BEEN ADJUSTED TO NGVD. MAXIMUM, 741,000 CFS, WHICH IS A TOTAL OF OBSERVED FLOWS IN 1927 MADE AT MORGAN CITY ON JUNE 7, BAYOU BOEUF AT BOEUF (6-1/2 MILES EAST) ON JUNE 8, AND AT BAYOU RAMOS (FOUR MILES EAST) ON JUNE 10. MINIMUM, NOT DETERMINED.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|---------|------|-------|------|-------|------|------|--------|--------|--------|------|
| 1 | 4.15 | 2.79 | 3.37 | 4.40 | 3.34 | 2.12 | 2.11 | 1.55 | 1.68 | 1.15 | 1.60 | 1.31 |
| 2 | 3.95 | 2.66 | 3.13 | 4.10 | 3.51 | 1.91 | 2.06 | 1.46 | 1.73 | 2.05 | 1.10 | 1.23 |
| 3 | 4.02 | 2.37 | 3.14 | 3.80 | 3.57 | 1.73 | 2.40 | 1.61 | 1.81 | 1.21 | 1.20 | 1.38 |
| 4 | 3.76 | 2.41 | 3.03 | 3.76 | 3.58 | 1.64 | 1.90 | 1.84 | 1.90 | 1.34 | | 1.44 |
| 5 | 3.54 | 2.20 | 3.08 | 3.65 | 3.34 | 1.40 | 1.94 | 2.08 | 2.31 | 1.47 | 1.40 | 1.26 |
| 6 | 3.53 | 2.14 | 3.26 | 3.64 | 3.25 | 1.65 | 2.33 | 2.40 | 2.30 | 1.32 | 0.70 | 1.78 |
| 7 | 3.36 | 1.98 | 3.41 | 3.57 | 3.02 | 2.09 | 2.75 | 2.07 | 1.88 | 0.79 | 1.50 | 2.29 |
| 8 | 3.23 | 1.84 | 3.73 | 3.53 | 2.97 | 2.51 | 2.58 | 2.29 | 1.69 | 0.83 E | 1.90 | 2.13 |
| 9 | 3.26 | 1.74 | 3.78 | 3.45 | 2.89 | 2.86 | 2.46 | 2.39 | 1.46 | 1.60 | 2.30 | 2.20 |
| 10 | 3.18 | 1.94 | 3.88 | 3.42 | 2.95 | 2.97 | 2.78 | 2.86 | 1.53 | 1.50 | 1.80 | 2.00 |
| 11 | 2.75 | 2.07 | 3.93 | 3.46 | 2.95 | 2.95 | 2.64 | 2.38 | 2.04 | 1.80 | 0.62 | 1.90 |
| 12 | 2.68 | 2.10 | 4.09 | 3.59 | 2.90 | 3.21 | 2.60 | 2.09 | 1.66 | 1.00 | 0.91 | 1.90 |
| 13 | 2.70 | 2.12 | 4.20 | 3.93 | 2.93 | 3.17 | 2.41 | 1.72 | 1.90 | 1.00 | 0.83 | 1.80 |
| 14 | 2.63 | 2.20 | 4.41 | 3.81 | 2.84 | 3.22 | 1.89 | 1.39 | | 1.10 | 1.15 | 2.00 |
| 15 | 2.95 | 2.49 | 4.55 | 3.61 | 2.66 | 2.85 | 1.74 | 1.42 | 1.90 | 1.80 | 1.45 | 2.20 |
| 16 | 2.86 | 2.63 | 4.72 | 3.53 | 2.51 | 2.70 | 1.65 | 1.48 | 2.40 | 1.80 | 2.34 | 1.20 |
| 17 | 2.90 | 2.34 | 4.90 | 3.51 | 2.44 | 2.50 | 1.73 | 1.51 | 2.31 | 1.50 | 1.87 | 1.00 |
| 18 | 3.22 | 2.20 | 5.20 | 3.36 | 2.14 | 2.64 | 1.89 | 1.51 | 2.20 | 1.30 | 1.60 | 1.30 |
| 19 | 2.74 | 2.15 | 5.08 | 3.16 | 2.08 | 2.40 | 1.87 | 1.69 | 2.23 | 1.60 | 1.72 | 1.40 |
| 20 | 2.59 | 2.10 | 4.87 | 3.06 | 1.91 | 2.44 | 2.47 | 1.34 | 1.76 | 1.70 | 1.39 E | 1.70 |
| 21 | 2.38 | 2.05 | 4.80 | 3.07 | 1.86 | 2.70 | 2.42 | 1.42 | 1.78 | 0.40 | 1.31 | 1.40 |
| 22 | 2.48 | 2.49 | 4.70 | 3.00 | 1.71 | 2.70 | 2.58 | 1.41 | 1.56 | 1.00 | 1.75 | 2.10 |
| 23 | 2.09 | 2.20 | 4.68 | 3.02 | 1.69 | 2.70 | 2.57 | 1.60 | 0.86 | 1.20 | 2.10 | 2.10 |
| 24 | 2.23 | 2.47 | 4.90 | 3.07 | 1.99 | 2.80 | 2.55 | 1.62 | 1.51 | 1.70 | 2.18 | 2.40 |
| 25 | 2.52 | 2.49 | 4.80 | 3.05 | 2.23 | 2.50 | 2.49 | 1.82 | 1.61 E | 1.80 | 2.46 | 2.40 |
| 26 | 2.03 | 2.71 | 4.80 | 3.11 | 2.32 | 2.14 | 2.34 | 1.73 | 1.70 | 1.90 | 2.57 | 2.20 |
| 27 | 2.04 | 3.40 | 4.80 | 3.26 | 2.82 | 1.70 | 2.24 | 1.52 | 1.87 | 1.40 | 2.07 | 2.20 |
| 28 | 2.35 | 3.78 | 4.70 | 3.35 | 2.93 | 2.14 | 1.92 | 1.73 | 2.05 | 1.50 | 1.66 | 1.80 |
| 29 | | ----- | 4.60 | 3.25 | 2.38 | 2.41 | 1.85 | 1.07 | 1.82 | 1.50 | 1.47 | 1.70 |
| 30 | 2.47 | ----- E | 4.60 | 3.39 | 2.23 | 2.26 | 1.81 | 1.53 | 1.23 | 1.60 | 1.57 | |
| 31 | 2.34 | ----- | 4.20 | ----- | 2.41 | ----- | 1.69 | 1.60 | ----- | 1.50 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.90 | 2.36 | 4.24 | 3.46 | 2.66 | 2.43 | 2.21 | 1.75 | 1.82 | 1.40 | 1.60 | 1.78 |
| MAX | 4.15 | 3.78 | 5.20 | 4.40 | 3.58 | 3.22 | 2.78 | 2.86 | 2.40 | 2.05 | 2.57 | 2.40 |
| MIN | 2.03 | 1.74 | 3.03 | 3.00 | 1.69 | 1.40 | 1.65 | 1.07 | 0.86 | 0.40 | 0.62 | 1.00 |
| DAYS | 30 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 31 | 29 | 29 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 360

E=ESTIMATED

THE MEAN STAGE FOR THE YEAR WAS 2.39.

HIGHEST STAGE WAS 5.50 AT 8:00 P.M. ON MAR 17.

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS MINUS 0.1 ON NOV 11.

DAILY STAGE FOR 1987

LOWER ATCHAFALAYA RIVER BELOW SWEET BAY LAKE (LA)

LOCATION. LAT. 29-33-06. LONG. 91-14-41. IN SLIP ON RIGHT BANK, 10.3 MILES SOUTH OF MORGAN CITY, LA., ATTACHED TO WHARF OF TEXAS OIL COMPANY AT MILE 129.5, FROM HEAD OF ATCHAFALAYA RIVER VIA ATCHAFALAYA BASIN MAIN CHANNEL. (STA. 0382010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON MAR. 6, 1975 GAGE WAS RAISED 0.47 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU MAR. 5 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. STAGE, FEB. 29, 1956, TO DATE. FOR RECORDS 1946 TO 1956, REFER TO GAGE AT DEER ISLAND BAYOU, THREE MILES DOWNSTREAM.

EXTREMES. HIGHEST, 8.05 FEET (AFFECTED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 1.55 FEET ON NOV. 6, 1959.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|--------|--------|-------|------|
| 1 | 1.86 | 1.66 | | 2.18 | 1.76 | 1.53 | 1.74 | 1.16 | 1.22 | 0.72 | 0.88 | |
| 2 | 1.78 | 1.48 | | 2.13 | 2.05 | 1.43 | 1.62 | 1.09 | 1.32 | 1.48 | 0.59 | |
| 3 | 2.01 | 1.36 | | 1.63 | 1.98 | 1.13 | 1.80 | 1.20 | 1.55 | 0.45 | 0.45 | |
| 4 | 1.65 | 1.48 | | 1.83 | 2.15 | 1.04 | 1.48 | 1.41 | 1.54 | 0.82 | 0.59 | |
| 5 | 1.76 | 1.02 | | 1.54 | 1.58 | 0.68 | 1.47 | 1.70 | 1.98 | 0.85 | 0.60 | |
| 6 | 1.86 | 1.08 | | 1.54 | 1.58 | 0.93 | 1.96 | 1.94 | 1.87 | 0.69 | 0.13 | |
| 7 | 1.45 | 0.70 | | 1.52 | 1.36 | 1.43 | 2.17 | 1.59 | 1.40 | 0.13 | 0.84 | |
| 8 | 1.34 | 0.63 | | 1.50 | 1.35 | 1.86 | 2.01 | 1.81 | 1.23 | 0.21 | 1.25 | |
| 9 | 1.44 | 0.42 | | 1.43 | 1.40 | 2.28 | 2.08 | 1.93 | 0.94 | 0.68 | 1.70 | |
| 10 | 1.24 | 0.68 | | 1.45 | 1.50 | 2.48 | 2.40 | 2.37 | 1.02 | 0.58 | 1.13 | |
| 11 | 0.93 | 0.83 | | 1.56 | 1.66 | 2.46 | 2.25 | 1.97 | 1.50 | 0.82 | F | 1.46 |
| 12 | 0.92 | 0.88 | | 1.82 | 1.70 | 2.66 | 2.19 | 1.64 | 1.22 | 0.48 F | 0.73 | |
| 13 | 0.98 | 0.90 | | 2.48 | 2.06 | 2.63 | 1.92 | 1.33 | 1.05 | 0.51 | | |
| 14 | 1.02 | 1.05 | | 1.98 | 1.88 | 2.50 | 1.37 | 1.02 | 1.36 | 1.05 | | |
| 15 | 1.33 | 1.40 | | 1.93 | 1.80 | 2.10 | 1.41 | 1.01 | 1.34 | 1.10 | | |
| 16 | 1.33 | 1.45 | | 1.92 | 1.86 | 1.93 | 1.32 | 1.10 | 1.91 | 1.18 | | |
| 17 | 1.48 | 1.23 | | 2.26 | 1.78 | 1.73 | 1.24 | 1.14 | 1.80 | 0.97 | | |
| 18 | 1.90 | 0.98 | | 1.88 | 1.23 | 1.66 | 1.32 | 1.20 | 1.72 | 0.70 | | |
| 19 | 1.25 | 1.12 | | 1.69 | 1.13 | 1.52 | 1.23 | 1.37 | 1.81 | 0.71 | | |
| 20 | 1.20 | | | 1.58 | 1.03 | 1.68 | 1.92 | 0.92 | 1.32 | 0.78 | | |
| 21 | 1.10 | | | 1.35 | 1.06 | 1.81 | 1.90 | 1.11 | 1.23 F | -0.33 | | |
| 22 | 1.18 | | | 1.17 | 1.00 | 1.88 | 2.18 | 0.91 | 0.95 | 0.28 | | 1.46 |
| 23 | 0.65 | F | 2.80 | 1.17 | 1.08 | 1.98 | 2.14 | 1.06 | 0.45 | 0.57 | | 1.50 |
| 24 | 0.83 | | 2.43 | 1.22 | 1.46 | 1.96 | 2.08 | 1.21 | 0.90 | 0.67 | | 1.80 |
| 25 | 1.06 | | 2.23 | 1.28 | 1.80 | 2.12 | 2.06 | 1.42 | 1.00 | 0.68 | | 2.07 |
| 26 | 0.55 | | 2.34 | 1.24 | 1.98 | 1.74 | 1.85 | 1.36 | 1.12 | 1.08 | F | 2.12 |
| 27 | 0.54 | | 2.42 | 1.44 | 2.43 | 1.25 | 1.70 | 1.22 | 1.30 | 0.73 | | |
| 28 | 0.84 | | 2.40 | 1.58 | 2.54 | 1.73 | 1.40 | 1.22 | 1.50 | 0.98 | F | 1.37 |
| 29 | 1.08 | ----- | 2.53 | 1.68 | 1.98 | 2.07 | 1.24 | 1.04 | 1.42 | 1.12 | | 0.82 |
| 30 | 1.23 | ----- | 2.38 | 1.90 | 1.52 | 1.88 | 1.38 | 1.26 | 0.83 | 1.08 | | 1.07 |
| 31 | 1.13 | ----- | 2.03 | ----- | 1.93 | ----- | 1.18 | 1.13 | ----- | 1.03 | ----- | 1.45 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| MEAN | 1.26 | 1.07 | 2.40 | 1.66 | 1.67 | 1.80 | 1.74 | 1.35 | 1.33 | 0.74 | 0.81 | 1.51 |
| MAX | 2.01 | 1.66 | 2.80 | 2.48 | 2.54 | 2.66 | 2.40 | 2.37 | 1.98 | 1.48 | 1.70 | 2.12 |
| MIN | 0.54 | 0.42 | 2.03 | 1.17 | 1.00 | 0.68 | 1.18 | 0.91 | 0.45 | -0.33 | 0.13 | 0.82 |
| DAYS | 31 | 19 | 9 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 11 | 10 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 294

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.42

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 3.53 AT 4:30 P. M. ON MAR 23.

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS MINUS 0.33 ON OCT 21.

DAILY STAGE FOR 1987

MAX LAKE OUTLET VICINITY AT BELLE ISLE, LA.

LOCATION: LAT. 29-31-47, LONG. 91-23-39. UNDERNEATH OLD LOADING WHARF NEAR MINE SHAFT AT CARQUIL
SALT MINE. (STA. 0383010)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, APR. 1973 TO DEC. 1975 AND APR. 13, 1976 TO DATE.

EXTREMES. HIGHEST, 5.05 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 1.65 FEET ON
JAN. 17, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|------|-------|------|--------|--------|------|-------|-----|--------|-------|
| 1 | 1.41 | | | | 1.69 | 2.02 | | 1.22 | | | | 0.28 |
| 2 | 1.30 | | | | 2.05 | 1.85 | | 1.14 | | | F | 0.83 |
| 3 | 1.75 | | | | 1.98 | 1.50 | | 1.27 | | | F | 1.08 |
| 4 | 1.06 | | | | 1.94 | 1.15 | | 1.46 | | F | 0.70 | 0.36 |
| 5 | 1.40 | | | | 1.34 | 1.10 | | 1.77 | | | 0.65 F | -0.10 |
| 6 | 1.62 F | 1.14 F | 1.40 | | 1.24 | 0.89 | | 1.90 | | | 0.12 | 1.05 |
| 7 | 1.43 | | | | 0.93 | 1.45 | | 1.62 | | | 0.98 | 1.65 |
| 8 | 1.25 | | | | 0.94 | 1.87 | | 1.75 | | | 1.23 | 1.25 |
| 9 | 1.90 | | | F | 0.94 | 1.03 | 2.15 | 1.93 | | | 1.72 | 1.45 |
| 10 | 0.87 | | | 1.14 | 1.17 | 2.35 | | 2.74 | | | 1.00 | 1.27 |
| 11 | 0.24 | | | 1.37 | 1.53 | 3.15 | | 1.94 | | | 0.29 | 1.13 |
| 12 | 0.30 | | | 1.80 | 1.63 | 2.53 | | 1.50 | | | 0.95 | 1.43 |
| 13 | 0.42 | | | 2.54 | 1.86 | 2.64 | | 1.30 | | | 0.60 | 1.12 |
| 14 | 0.50 | | | 1.85 | 1.90 | 2.35 | | 1.08 | | | 1.05 | 1.65 |
| 15 | 0.88 | | | 1.67 | 1.74 | 1.89 F | 1.33 | 0.97 | | | 1.27 | 1.08 |
| 16 | 0.96 | | | 1.72 | 1.76 | 1.78 | 1.54 | 1.10 | | | 2.37 | -0.12 |
| 17 | 0.90 | | | 2.17 | 1.64 | 1.68 | 1.38 | 1.13 | | | 1.17 | -0.18 |
| 18 | 1.51 | | | 1.67 | 1.64 | 2.45 | 1.42 | 1.30 | | | 0.75 | 0.30 |
| 19 | 0.50 | | | 1.38 | 1.57 | 1.63 | 1.30 | 1.23 | | | 0.84 | 0.55 |
| 20 | 0.70 | | | 1.14 | 1.32 | 1.75 | 2.03 | 1.03 | | | 0.33 | 0.90 |
| 21 | 1.21 | | | 0.87 | 1.20 | 1.61 | 1.94 | 1.26 | | F | 0.68 | 0.67 |
| 22 | 1.03 | | | 0.68 | 0.96 | 1.64 | 2.30 | 1.02 | | | 0.94 | 1.25 |
| 23 | 1.06 | | | 0.76 | 0.95 | 1.87 | 2.18 | 1.15 | | | 1.33 F | 0.33 |
| 24 | 1.57 | | | 0.92 | 1.27 | | 2.09 | 1.22 | | F | 1.85 | 1.73 |
| 25 | 1.32 | | | 1.03 | 1.77 | | 2.07 | 1.37 | | F | 2.15 | 1.90 |
| 26 | 0.60 | | | 1.06 | 1.73 | | 1.87 | 1.30 | | F | 1.75 | 1.65 |
| 27 | 0.60 | | | 1.49 | 2.39 | | 1.67 | 1.22 | | | 1.53 | 1.25 |
| 28 | 0.21 | | | 1.64 | 2.43 | | 1.40 | 1.22 | | | 0.65 | 0.23 |
| 29 | F 1.37 | ----- | | 1.58 | 2.05 | | 1.22 | 0.90 | | | 0.80 | 0.07 |
| 30 | | ----- | | 1.80 | 2.24 | | 1.46 | 1.37 | | | 0.87 | 0.57 |
| 31 | | ----- | | ----- | 1.99 | ----- | 1.22 E | 1.42 | ----- | | ----- | 1.18 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|---|---|------|-------|
| MEAN | 1.03 | 1.14 | 1.40 | 1.42 | 1.61 | 1.88 | 1.67 | 1.38 | | | 1.06 | 0.90 |
| MAX | 1.90 | 1.14 | 1.40 | 2.54 | 2.43 | 3.15 | 2.30 | 2.74 | | | 2.37 | 1.90 |
| MIN | 0.21 | 1.14 | 1.40 | 0.68 | 0.93 | 0.89 | 1.22 | 0.90 | | | 0.12 | -0.18 |
| DAYS | 29 | 1 | 1 | 22 | 31 | 23 | 17 | 31 | 0 | 0 | 27 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 213

E=ESTIMATED F=NOT AT STATED TIME

HIGHEST STAGE WAS NOT DETERMINED

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS MINUS 0.72 ON NOV 11

DAILY STAGE FOR 1987

ROUND BAYOU AT DEER ISLAND (LA.)

LOCATION. LAT. 29-28-28, LONG. 91-15-46. IN THE VICINITY OF THE LOWER ATCHAFALAYA RIVER.
(STA. 0385010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ADD 0.49 FOOT TO ALL STAGES IN 1974.

RECORDS AVAILABLE. MAR. 9, 1974 TO DATE.

EXTREMES. HIGHEST, 6.17 FEET (CAUSED BY HURRICANE) ON AUG. 15, 1985. LOWEST, MINUS 1.00 FOOT ON NOV. 29, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|--------|--------|-------|------|------|-------|-------|-------|-------|
| 1 | 1.07 | 1.50 | 1.20 | 1.45 | 1.33 | 1.66 | 1.76 | 0.98 | 0.90 | 0.51 | 0.55 | 0.00 |
| 2 | 0.96 | 1.18 | 1.05 | 1.43 | 1.80 | 1.37 | 1.45 | 0.90 | 1.02 | 1.26 | 0.21 | -0.08 |
| 3 | 1.25 | 0.82 | 1.15 | 0.87 | 1.77 | 1.15 | 1.15 | 1.01 | 1.30 | 0.03 | -0.04 | -0.05 |
| 4 | 0.84 | 0.96 | 0.84 | 1.20 | 1.28 F | 0.63 | 1.38 | 1.20 | 1.27 | 0.57 | 0.20 | -0.02 |
| 5 | 1.15 | 0.44 | 0.95 | 0.70 F | 1.27 | 0.71 | 1.10 | 1.53 | 1.70 | 0.55 | 0.11 | -0.13 |
| 6 | 1.37 | 0.58 | 0.92 | 0.65 | 0.93 | 0.63 | 1.78 | 1.65 | 1.63 | 0.30 | -0.27 | 0.34 |
| 7 | 0.73 | 0.08 | 0.80 | 0.74 | 0.77 F | 1.15 | 1.90 | 1.30 | 1.10 | -0.33 | 0.32 | 0.83 |
| 8 | 0.63 | 0.03 | 1.07 | 0.63 | 0.60 | 1.58 | 1.55 | 1.49 | 0.90 | -0.33 | 0.64 | 0.69 |
| 9 | 0.77 | -0.27 | 0.92 | 0.58 | 0.75 F | 1.11 | 1.84 | 1.68 | 0.55 | 0.14 | 1.13 | 0.68 |
| 10 | 0.45 | 0.04 | 0.82 | 0.63 F | 1.03 | 2.07 | 2.08 | 2.28 | 0.56 | 0.09 | 0.63 | 0.70 |
| 11 | 0.13 | 0.20 | 0.72 | 0.81 | 1.11 F | 2.12 | 2.02 | 1.71 | 1.17 | 0.28 | -0.02 | 0.70 |
| 12 | 0.20 | 0.18 | 0.82 | 1.15 | 1.13 F | 1.77 | 1.99 | 1.29 | 0.85 | 0.08 | 0.45 | 0.98 |
| 13 | 0.36 | 0.24 | 0.82 | 2.03 F | 1.53 | 2.40 | 1.71 | 0.99 | 0.66 | 0.12 | 0.25 | 0.82 |
| 14 | 0.31 | 0.49 | 1.10 | 1.39 | 1.63 F | 1.55 | 1.13 | 0.78 | 1.07 | 0.63 | 0.70 | 1.20 |
| 15 | 0.74 | 0.95 | 1.50 | 1.41 F | 0.97 | 1.73 | 1.14 | 0.68 | 1.06 | 0.68 | 0.86 | 0.42 |
| 16 | 0.74 | 0.77 | 1.53 | 1.28 | 1.44 F | 1.51 | 1.05 | 0.77 | 1.69 | 0.88 | 1.80 | -0.30 |
| 17 | 0.93 | 0.74 | 2.14 | 1.89 | 1.20 F | 1.22 | 0.99 | 0.79 | 1.55 | 0.68 | 0.64 | -0.36 |
| 18 | 1.36 | 0.38 | 2.18 | 1.49 F | 0.76 | 1.78 | 1.10 | 0.94 | 1.58 | 0.42 | 0.25 | -0.20 |
| 19 | 0.66 | 0.87 | 2.18 | 1.28 | 1.36 | 1.34 | 0.96 | 0.98 | 1.41 | 0.38 | 0.23 | 0.02 |
| 20 | 0.70 | 0.95 | 2.15 | 1.20 F | 1.15 | 1.33 | 1.73 | 0.67 | 0.97 | 0.47 | -0.09 | 0.25 |
| 21 | 0.53 | 0.32 | 1.99 | 0.70 | 1.03 | 1.30 | 1.70 | 0.92 | 0.93 | -0.55 | -0.15 | 0.15 |
| 22 | 0.59 | 1.07 | 1.75 | 0.37 | 0.78 | 1.45 | 1.97 | 0.71 | 0.60 | -0.09 | 0.24 | 0.50 |
| 23 | -0.03 | 0.02 | 1.75 | 0.38 F | 0.70 | 1.55 | 1.90 | 0.82 | 0.18 | 0.07 | 0.52 | 0.60 |
| 24 | 0.20 | 0.34 | 1.42 | 0.44 | 0.94 | 1.48 | 1.86 | 0.96 | 0.53 | 0.13 | 0.78 | 0.95 |
| 25 | 0.50 | 0.28 | 1.18 | 0.63 F | 1.40 | 1.74 | 1.84 | 1.10 | 0.61 | 0.19 | 1.10 | 1.32 |
| 26 | -0.10 | 0.66 | 1.38 | 0.55 | 1.43 | 1.48 | 1.62 | 0.98 | 0.71 | 0.63 | 1.65 | 1.35 |
| 27 | -0.06 | 1.12 | 1.42 | 0.77 F | 2.02 | 1.19 | 1.51 | 0.89 | 0.81 | 0.30 | 1.21 | 0.95 |
| 28 | 0.37 | 1.74 | 1.50 | 0.97 F | 2.03 | 1.54 | 1.18 | 0.85 | 1.07 | 0.66 | 0.51 | 0.00 |
| 29 | 0.65 | ----- | 1.70 | 1.05 | 1.67 | 1.98 | 0.99 | 0.86 | 1.11 | 0.80 | 0.51 | -0.25 |
| 30 | 0.94 | ----- | 1.44 | 1.30 F | 1.56 | 1.73 | 1.16 | 0.95 | 0.57 | 0.73 | 0.50 | 0.05 |
| 31 | 0.80 | ----- | 1.20 | ----- | 1.72 | ----- | 0.91 | 0.80 | ----- | 0.73 | ----- | 0.42 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|
| MEAN | 0.64 | 0.60 | 1.34 | 1.00 | 1.26 | 1.47 | 1.50 | 1.08 | 1.00 | 0.36 | 0.51 | 0.40 |
| MAX | 1.37 | 1.74 | 2.18 | 2.03 | 2.03 | 2.40 | 2.08 | 2.28 | 1.70 | 1.26 | 1.80 | 1.35 |
| MIN | -0.10 | -0.27 | 0.72 | 0.37 | 0.60 | 0.63 | 0.91 | 0.67 | 0.18 | -0.55 | -0.27 | -0.36 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.93

HIGHEST STAGE WAS 3.18 AT 7:30 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.57 ON OCT 21.

DAILY STAGE FOR 1987

BLACK RIVER AT ACME, LA.

LOCATION. MILE 0.1 (1949). LAT. 31-16-02, LONG. 91-09-56. EVA QUADRANGLE. (STA. 0475011.)

GAGE. STAFF ON LEFT BANK.

DISCHARGE RANGE. A MILE UPSTREAM FROM MOUTH.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY VICKSBURG DISTRICT. DRAINAGE AREA, 24,237 SQUARE MILES (VARIABLE DUE TO INTERCHANGING DRAINAGE). BANKFULL STAGE, 48 FEET.

RECORDS AVAILABLE. STAGE, DEC. 9, 1894, TO MAR. 31, 1899, AND NOV. 9, 1923, TO OCT. 17, 1981, AND JAN. 1, 1982 TO DATE. MEASURED DISCHARGE, 1942 AND 1946.

EXTREMES. HIGHEST, 62.7 FEET ON MAY 14-17, 1927. LOWEST, 2.61 FEET ON JULY 16, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 0.68 FOOT, NGVD (1929-41 ADJ)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|-----|-------|------|
| 1 | 30.4 | 24.2 | 35.4 | 37.7 | 26.8 | 14.2 | 18.0 | 10.1 | 7.7 | 7.5 | 5.2 | 26.3 |
| 2 | 29.6 | 23.8 | 36.4 | 37.1 | 26.5 | 14.3 | 18.5 | 9.7 | 7.2 | 7.5 | 5.3 | 25.8 |
| 3 | 29.0 | 23.6 | 36.8 | 36.3 | 26.3 | 14.5 | 18.0 | 9.1 | 6.6 | 8.5 | 5.2 | 25.3 |
| 4 | 28.6 | 23.4 | 37.7 | 35.9 | 25.8 | 14.9 | 18.0 | 8.9 | 6.5 | 7.8 | 4.7 | 23.9 |
| 5 | 28.8 | 23.1 | 38.5 | 35.4 | 24.2 | 16.0 | 17.9 | 8.7 | 6.7 | 7.8 | 5.0 | 22.8 |
| 6 | 29.0 | 22.4 | 39.4 | 34.8 | 23.6 | 18.9 | 18.0 | 9.2 | 7.1 | 7.4 | 4.7 | 21.4 |
| 7 | 28.8 | 22.2 | 41.2 | 34.3 | 23.0 | 20.9 | 18.8 | 8.9 | 7.4 | 6.8 | 5.0 | 21.1 |
| 8 | 28.6 | 22.6 | 40.7 | 33.6 | 22.4 | 21.9 | 18.6 | 8.9 | 7.6 | 6.5 | 5.3 | 21.8 |
| 9 | 27.8 | 23.7 | 41.1 | 33.2 | 21.8 | 21.9 | 17.4 | 8.7 | 8.0 | 6.4 | 5.9 | 22.7 |
| 10 | 26.5 | 24.2 | 41.5 | 32.7 | 20.4 | 21.6 | 17.1 | 8.4 | 8.5 | 6.2 | 6.2 | 22.6 |
| 11 | 25.7 | 24.4 | 41.8 | 32.0 | 19.9 | 22.0 | 16.8 | 8.6 | 8.3 | 6.0 | 5.1 | 22.3 |
| 12 | 25.1 | 24.3 | 41.8 | 31.5 | 18.8 | 21.3 | 16.9 | 8.6 | 8.5 | 5.7 | 5.1 | 22.1 |
| 13 | 24.5 | 24.4 | 41.8 | 30.8 | 17.8 | 21.4 | 17.4 | 9.0 | 8.3 | 5.6 | 6.9 | 21.4 |
| 14 | 24.1 | 24.1 | 41.7 | 30.4 | 17.0 | 22.8 | 17.7 | 9.1 | 8.0 | 5.6 | 7.6 | 20.8 |
| 15 | 24.3 | 23.7 | 41.3 | 30.0 | 16.5 | 22.9 | 17.3 | 8.9 | 7.4 | 5.4 | 8.3 | 20.7 |
| 16 | 24.7 | 25.5 | 40.9 | 29.4 | 15.7 | 23.3 | 17.4 | 9.0 | 7.2 | 5.2 | 9.9 | 20.3 |
| 17 | 24.4 | 27.4 | 40.4 | 28.8 | 15.3 | 22.6 | 16.5 | 8.5 | 7.1 | 4.8 | 25.3 | 19.7 |
| 18 | 25.6 | 28.1 | 41.0 | 28.4 | 15.3 | 22.0 | 15.7 | 7.7 | 7.3 | 4.5 | 27.9 | 19.7 |
| 19 | 27.0 | 28.1 | 41.1 | 27.4 | 14.9 | 21.6 | 15.0 | 7.6 | 7.5 | 4.6 | 29.2 | 19.7 |
| 20 | 27.3 | 27.5 | 40.8 | 26.9 | 14.2 | 21.7 | 14.3 | 7.6 | 8.1 | 5.1 | 29.0 | 20.3 |
| 21 | 26.9 | 28.7 | 40.8 | 27.1 | 13.2 | 21.7 | 14.2 | 7.3 | 8.0 | 5.1 | 29.6 | 21.8 |
| 22 | 26.2 | 30.3 | 41.1 | 26.9 | 12.7 | 21.6 | 13.7 | 7.2 | 7.5 | 4.8 | 30.3 | 22.6 |
| 23 | 25.8 | 31.0 | 41.2 | 26.5 | 12.0 | 20.7 | 14.1 | 6.9 | 6.9 | 5.4 | 30.5 | 22.4 |
| 24 | 25.7 | 31.5 | 41.3 | 27.0 | 11.7 | 20.2 | 14.0 | 6.4 | 6.6 | 5.4 | 30.1 | 21.8 |
| 25 | 25.8 | 31.4 | 41.3 | 27.2 | 12.7 | 20.1 | 14.0 | 7.2 | 7.2 | 5.5 | 28.5 | 23.1 |
| 26 | 25.4 | 31.8 | 40.9 | 27.2 | 12.1 | 19.4 | 13.7 | 7.0 | 6.8 | 5.5 | 27.8 | 24.2 |
| 27 | 24.9 | 33.6 | 40.5 | 27.0 | 12.4 | 19.3 | 13.6 | 7.1 | 7.5 | 5.2 | 27.7 | 25.8 |
| 28 | 24.9 | 34.6 | 40.0 | 26.8 | 13.0 | 19.1 | 12.6 | 7.1 | 7.5 | 4.8 | 28.0 | 29.8 |
| 29 | 24.8 | ----- | 39.5 | 27.0 | 13.6 | 18.9 | 12.2 | 7.0 | 7.1 | 4.5 | 27.7 | 31.9 |
| 30 | 24.6 | ----- | 38.8 | 26.8 | 14.1 | 18.6 | 11.6 | 7.3 | 7.8 | 5.2 | 27.1 | 34.2 |
| 31 | 24.5 | ----- | 37.6 | ----- | 14.1 | ----- | 11.1 | 7.3 | ----- | 5.3 | ----- | 26.3 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|-----|-----|------|------|
| MEAN | 26.4 | 26.6 | 40.1 | 30.5 | 17.7 | 20.0 | 15.8 | 8.2 | 7.5 | 5.9 | 16.5 | 23.4 |
| MAX | 30.4 | 34.6 | 41.8 | 37.7 | 26.8 | 23.3 | 18.8 | 10.1 | 8.5 | 8.5 | 30.5 | 34.2 |
| MIN | 24.1 | 22.2 | 35.4 | 26.5 | 11.7 | 14.2 | 11.1 | 6.4 | 6.5 | 4.5 | 4.7 | 19.7 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 19.8.

HIGHEST STAGE WAS 41.8 ON MAR 11 AND LATER DATE(S).

LOWEST STAGE WAS 4.5 ON OCT 18 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU MOREAU NEAR ODENBURG, LA.

LOCATION. LAT. 30-55-30, LONG. 91-45-48. HIGHWAY 970 BRIDGE, 2.9 MILES EAST OF ODENBURG. (STA. 40100128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1943 TO 1945, 1948. DAILY, OCT. 31, 1950, TO DATE.

EXTREMES. HIGHEST, 38.38 FEET ON MAY 19, 1953. LOWEST, CHANNEL DRY ON JUNE 2, 1951, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 25.55 | 25.68 | 33.32 | 25.65 | 24.53 F | 24.22 | | | | | | |
| 2 | 25.50 | 25.75 | 29.40 | 25.58 | | | | | | | F 23.40 | |
| 3 | 25.48 | 25.80 | 26.62 | 25.50 | | | F 23.86 | | | | | |
| 4 | 28.80 | 25.70 | 26.38 | 25.48 F | 24.12 | | | F 23.85 | | | | |
| 5 | 26.90 | 25.78 | 26.00 | 25.40 | | | | | F 23.57 | | | |
| 6 | 26.32 | 25.99 | 25.89 | 25.32 | | | F 24.15 | | | | | |
| 7 | 26.00 | 26.35 | 25.80 | 25.18 | | | 27.43 | | | | F 23.90 | |
| 8 | 25.78 | 25.99 | 28.70 | 25.10 | F 24.10 | | 25.61 | | | | | |
| 9 | 25.62 | 25.70 | 28.05 | 25.04 F | 24.52 | | 25.71 | | F 23.80 | F 23.50 | F 23.42 | |
| 10 | 25.58 | 25.58 | 26.68 | 24.98 | 24.75 | | 25.08 F | 24.07 | | | | |
| 11 | 25.50 | 25.52 | 26.25 | 24.91 | 24.95 | | 24.63 | | | | | |
| 12 | 25.44 | 25.50 | 25.98 | 24.88 | 24.48 | | | 34.55 | | | | |
| 13 | 25.32 | 25.68 | 25.80 | 24.82 | 27.50 | 24.50 F | 24.30 | 34.63 | | | | |
| 14 | 25.30 | 25.50 | 25.70 | 27.65 | 25.60 | 27.00 | 24.74 | 33.23 F | 23.79 | F 23.44 | | F 23.85 |
| 15 | 25.38 | 25.50 | 25.58 | 25.96 | 24.98 | 25.62 | 24.72 | 29.58 | | | | |
| 16 | 25.65 | 29.60 | 25.52 | 25.50 | 24.75 | 25.10 F | 24.51 | 25.73 | | | F 23.97 | |
| 17 | 26.90 | 26.75 | 25.60 | 25.20 | 24.55 | 24.90 | | 24.91 | | | | |
| 18 | 35.88 | 26.08 | 33.98 | 24.98 | 24.45 | 25.12 | | 24.78 | | | | |
| 19 | 35.78 | 25.76 | 30.50 | 24.85 | | 25.08 | | 24.62 | | F 23.40 | | |
| 20 | 34.72 | 25.56 | 26.82 | 24.72 | | 24.62 F | 24.11 F | 24.51 | | | | |
| 21 | 33.58 | 28.80 | 26.20 | 24.70 | | | | | F 23.75 | | | F 23.97 |
| 22 | 33.64 | 32.62 | 25.90 | 24.60 F | 24.25 F | 24.36 | | | | | | 24.50 |
| 23 | 31.18 | 28.40 | 25.78 | 24.70 F | 24.50 | | | | | F 23.90 | | 24.92 |
| 24 | 27.04 | 26.95 | 33.13 | 24.55 | 25.88 | | F 24.06 | | | | | 24.70 |
| 25 | 27.99 | 31.56 | 28.69 | 24.48 | 25.90 | | | | | | F 24.50 | |
| 26 | 27.00 | 33.00 | 26.54 | 24.44 | 25.25 | | | | F 23.45 | | | 24.87 |
| 27 | 26.42 | 32.95 | 26.09 | 24.46 | 24.69 | | F 23.97 | | | | | 25.35 |
| 28 | 26.18 | 34.06 | 25.80 F | 24.50 | | | | F 23.66 | | | | 24.84 |
| 29 | 26.05 | ----- | 25.62 | 24.69 | | F 24.15 | | | | | | 24.55 |
| 30 | 25.92 | ----- | 26.02 | 24.60 | | ----- | | | | F 23.97 | | |
| 31 | 25.78 | ----- | 25.82 | ----- | | ----- | F 23.78 | ----- | | ----- | | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 27.68 | 27.43 | 27.23 | 25.08 | 24.98 | 24.90 | 24.91 | 27.10 | 23.77 | 23.47 | 23.73 | 24.54 |
| MAX | 35.88 | 34.06 | 33.98 | 27.65 | 27.50 | 27.00 | 27.43 | 34.63 | 23.85 | 23.57 | 23.97 | 25.35 |
| MIN | 25.30 | 25.50 | 25.52 | 24.44 | 24.12 | 24.10 | 23.97 | 23.78 | 23.66 | 23.40 | 23.40 | 23.85 |
| DAYS | 31 | 28 | 31 | 30 | 18 | 12 | 12 | 13 | 5 | 5 | 5 | 11 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 201

F=NOT AT STATED TIME

HIGHEST STAGE WAS 36.05 AT 4:00 P.M. ON JAN 18.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

UPPER GUIDE LEVEE BORROW PIT ABOVE BAYOU LATENACHE (LA)

LOCATION. LAT. 30-43-48. LONG. 91-43-53. ABOUT 700 FEET ABOVE JUNCTION WITH BAYOU LATENACHE AND
1,000 FEET ABOVE DRAINAGE STRUCTURE. (STA. 4088012B.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1968 TO DATE.

STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | | | | | | 14.71 | | | | | | |
| 2 | | 20.26 | 22.27 | | | | | | | | 14.16 | |
| 3 | | | | | | | | 14.38 | | | | |
| 4 | | | | | 14.69 | | | | 14.54 | | | |
| 5 | 21.62 | | | | | | | | | 14.32 | | |
| 6 | | | 18.17 | | | | 14.77 | | | | | |
| 7 | | | | | | | | | | | | 14.45 |
| 8 | | | | | | 14.57 | | | | | | |
| 9 | | 20.03 | 22.39 | | | | | | 14.46 | 14.25 | 14.15 | |
| 10 | | | | | | | | 14.47 | | | | |
| 11 | | | | | 15.57 | | | | | | | |
| 12 | 18.59 | | | | | | | | | | | |
| 13 | | 18.84 | | 16.37 | | | 15.00 | | | | | |
| 14 | | | | | | | | | 14.44 | 14.21 | | 14.58 |
| 15 | 18.04 | | | | | 19.02 | | | | | | |
| 16 | | | 19.33 | | | | | | | | 14.27 | |
| 17 | | | | | | | | 19.28 | | | | |
| 18 | | 20.82 | | | 15.04 | | | | | | | |
| 19 | | | | | | | | | | 14.15 | | |
| 20 | | | | 15.65 | | | 14.69 | | | | | |
| 21 | 25.53 | | | | | | | | 14.52 | | | 15.75 |
| 22 | | | | | 14.79 | 16.51 | | | | | | |
| 23 | | 22.16 | 19.82 | | | | | | | | 14.53 | |
| 24 | | | | | | | | 14.86 | | | | |
| 25 | | | | | | | | | | | | |
| 26 | 22.12 | | | | | | | | | 14.18 | | |
| 27 | | | | 14.83 | 15.82 | | 14.58 | | | | | |
| 28 | | | | | | | | | 14.39 | | | 15.56 |
| 29 | | ----- | | | | 14.71 | | | | | | |
| 30 | | ----- | 20.06 | ----- | | | | | | | 14.84 | |
| 31 | | ----- | | | | | | 14.67 | ----- | | | |

DAILY STAGE FOR 1987

BAYOU LATENACHE ABOVE POINTE COUPEE DRAINAGE STRUCTURE (LA.)

LOCATION. LAT. 30-43-44, LONG. 91-44-00. ON UPSTREAM SIDE OF STRUCTURE, 2.4 MILES NORTH OF MELVILLE, LA. (STA. 40900128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1950. DAILY, FEB. 14, 1951. TO DATE.

EXTREMES. HIGHEST, 33.48 FEET (FROM INCOMPLETE RECORD) ON MAY 1, 1973. LOWEST, 13.78 FEET (FROM INCOMPLETE RECORD) ON NOV. 13, 1978.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | | 19.90 | 25.01 | | | F 14.70 | | | | | | |
| 2 | | 20.20 | 22.54 | | | | | | | | F 14.16 | |
| 3 | | 20.20 | 22.50 | | | | | F 14.38 | | | | |
| 4 | | 19.86 | 22.10 | | F 14.68 | | | | F 14.53 | | | |
| 5 | F 21.60 | 19.74 | 21.50 | | | | | | | F 14.31 | | |
| 6 | 20.87 | 19.92 | 20.94 | | | | F 14.76 | | | | | |
| 7 | 20.22 | 20.85 | 20.50 | | | | 15.70 | | | | | F 14.44 |
| 8 | 19.78 | 20.50 | 21.52 | | | F 14.55 | 16.48 | | | | | |
| 9 | 19.40 | 20.08 | 22.90 | | | | 16.32 | | F 14.45 | 14.24 | F 14.14 | |
| 10 | F 19.31 | 19.68 | 21.70 | | | | 16.32 | F 14.47 | | | | |
| 11 | | 19.32 | 21.10 | | F 15.56 | | 15.70 | | | | | |
| 12 | F 18.57 | 19.06 | 20.58 | | 15.38 | | F 15.28 | F 15.23 | | | | |
| 13 | | 18.85 | 20.18 | | 17.60 | 15.48 | F 14.98 | 23.90 | | | | |
| 14 | | 18.65 | 19.82 | | 17.52 | 19.92 | | 21.04 | F 14.43 | F 14.20 | | F 14.58 |
| 15 | F 18.02 | 18.40 | 19.58 | | 16.52 | 19.00 | | 21.10 | | | | |
| 16 | | 23.95 | 19.32 | | 15.78 | 17.82 | | 20.71 | | | F 14.27 | |
| 17 | | 22.20 | 19.10 | | F 15.35 | 16.88 | | 19.22 | | | 15.92 | |
| 18 | | 20.82 | 24.78 | | F 15.03 | 16.38 | | 18.39 | | | 15.72 | |
| 19 | | 20.22 | 21.25 | | | 16.09 | | 17.59 | | F 14.15 | | |
| 20 | | 19.70 | 21.60 | | | 15.78 | 14.67 | 16.84 | | | | |
| 21 | F 25.51 | 23.00 | 20.85 | | | 15.42 | | 16.18 | 14.51 | | | 15.32 |
| 22 | 25.70 | 22.72 | 20.28 | | F 14.78 | 16.50 | | 15.62 | | | | 18.19 |
| 23 | 24.16 | 22.70 | 19.80 | | | 16.28 | | | | | F 14.53 | 17.55 |
| 24 | 21.00 | 21.90 | F 25.20 | | 16.80 | 15.72 | | F 14.86 | | | | 16.82 |
| 25 | 22.80 | 24.20 | | | 17.20 | 15.30 | | | | | | 16.30 |
| 26 | 22.78 | 24.10 | | | 16.58 | | | | | F 14.18 | | 15.87 |
| 27 | 21.69 | 24.20 | | | 15.88 | | F 14.58 | | | | | 15.59 |
| 28 | 21.28 | 25.70 | | F 15.30 | | | | | F 14.38 | | | 15.60 |
| 29 | 20.88 | ----- | | | | F 14.70 | | | | | | 15.50 |
| 30 | 20.51 | ----- | | F 14.97 | | ----- | | | | | F 14.78 | 15.30 |
| 31 | 20.20 | ----- | | ----- | | ----- | | F 14.66 | ----- | | ----- | 15.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 21.28 | 21.09 | 21.44 | 14.97 | 16.00 | 16.28 | 15.48 | 17.61 | 14.46 | 14.22 | 14.79 | 15.87 |
| MAX | 25.70 | 25.70 | 25.20 | 14.97 | 17.60 | 19.92 | 16.48 | 23.90 | 14.53 | 14.31 | 15.92 | 18.19 |
| MIN | 18.02 | 18.40 | 19.10 | 14.97 | 14.68 | 14.55 | 14.58 | 14.38 | 14.38 | 14.15 | 14.14 | 14.44 |
| DAYS | 19 | 28 | 24 | 1 | 15 | 16 | 10 | 15 | 5 | 5 | 7 | 13 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 158

F=NOT AT STATED TIME

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 25.87 AT 1:00 A.M. ON JAN 22.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

BAYOU LATENACHE BELOW POINTE COUPEE DRAINAGE STRUCTURE (LA.)

LOCATION. LAT. 30-43-43. LONG. 91-43-59. ON DOWNSTREAM SIDE OF STRUCTURE, 2.4 MILES NORTH OF
MELVILLE, LA. (STA. 4350012B.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 9, 1951, TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 38.10 FEET ON MAY 18, 1973. LOWEST (FROM INCOMPLETE
RECORD) 13.80 FEET ON OCT. 17, 1972.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|---------|---------|---------|---------|---------|-----|---------|-----|-------|
| 1 | 19.28 | 19.75 | 24.95 | 19.40 | | F 14.61 | | | | | | |
| 2 | 19.00 | 20.00 | 22.90 | 19.12 | | | | | | | | |
| 3 | 18.78 | 20.12 | 22.45 | 18.89 | | | | | | | | |
| 4 | 21.05 | 19.78 | 22.08 | 18.61 | F 14.60 | | | | | | | |
| 5 | 21.45 | 19.68 | 21.40 | 18.30 | | | | | | | | |
| 6 | 20.72 | 19.80 | 20.84 | 18.00 | | | F 14.64 | | | | | |
| 7 | 20.02 | 20.80 | 20.40 | 17.80 | | | 15.32 | | | | | |
| 8 | 19.53 | 20.45 | 21.48 | 17.52 | | F 14.48 | 16.30 | | | | | |
| 9 | 19.17 | 19.99 | 22.60 | 17.34 | | | 16.18 | | | | | |
| 10 | 18.90 | 19.55 | 21.68 | 17.10 | | | 16.15 | F 14.46 | | | | |
| 11 | 18.80 | 19.20 | 21.08 | 16.80 | 15.28 | | 15.50 | | | | | |
| 12 | 18.50 | 18.94 | 20.54 | 16.50 | 15.20 | | 15.02 | 18.10 | | | | |
| 13 | 18.28 | 18.72 | 20.12 | 16.20 | 17.50 | 15.30 | F 14.83 | 23.50 | | | | |
| 14 | 18.08 | 18.56 | 19.80 | 16.75 | 17.50 | 19.65 | | 21.11 | | | | |
| 15 | 17.98 | 18.32 | 19.52 | 17.12 | 16.48 | 18.82 | | 21.07 | | | | |
| 16 | 18.18 | 24.00 | 19.28 | 16.70 | 15.68 | 17.62 | | 20.61 | | F 14.99 | | |
| 17 | 21.12 | 21.94 | 19.08 | 16.28 | 15.15 | 16.66 | | 19.12 | | 15.85 | | |
| 18 | 26.10 | 20.70 | 24.70 | 15.95 | F 14.92 | 16.12 | | 18.28 | | 15.59 | | |
| 19 | 26.68 | 20.10 | 21.05 | 15.80 | | 15.85 | | 17.46 | | 15.02 | | |
| 20 | 26.58 | 19.63 | 21.44 | 15.58 | | 15.52 | 14.59 | 16.70 | | | | |
| 21 | 25.54 | 23.00 | 20.70 | 15.30 | | 15.15 | | 16.01 | | | | 15.60 |
| 22 | 25.60 | 23.50 | 20.10 | 15.06 | F 14.68 | 16.28 | | 15.44 | | | | 18.20 |
| 23 | 24.08 | 22.60 | 19.75 | 14.93 | F 14.95 | 16.10 | | F 15.02 | | | | 17.55 |
| 24 | 22.50 | 21.90 | 25.40 | 14.93 | 16.70 | 15.58 | | F 14.76 | | | | 16.80 |
| 25 | | 24.20 | 21.50 | | 17.10 | 15.12 | | | | | | 16.25 |
| 26 | F 21.97 | 24.00 | 21.80 | | 16.48 | | | | | | | 15.80 |
| 27 | 21.52 | 24.02 | 21.28 | F 14.75 | 15.75 | | F 14.48 | | | | | 15.50 |
| 28 | 21.12 | 25.64 | 20.76 | | 15.10 | | | | | | | 15.51 |
| 29 | 20.72 | ----- | 20.22 | | | F 14.62 | | | | | | 15.38 |
| 30 | 20.38 | ----- | 19.98 | | | | | | | F 14.83 | | 15.12 |
| 31 | 20.04 | ----- | 19.70 | ----- | | ----- | F 14.60 | ----- | | ----- | | 14.92 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|-------|-------|
| MEAN | 21.06 | 21.03 | 21.24 | 16.83 | 15.82 | 16.09 | 15.30 | 17.75 | | | 15.26 | 16.06 |
| MAX | 26.68 | 25.64 | 25.40 | 19.40 | 17.50 | 19.65 | 16.30 | 23.50 | | | 15.85 | 18.20 |
| MIN | 17.98 | 18.32 | 19.08 | 14.75 | 14.60 | 14.48 | 14.48 | 14.46 | | | 14.83 | 14.92 |
| DAYS | 30 | 28 | 31 | 25 | 16 | 16 | 10 | 15 | 0 | 0 | 5 | 11 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 187

F=NOT AT STATED TIME

HIGHEST STAGE WAS 26.90 AT 6:00 P.M. ON JAN 18.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

BAYOU LATENACHE BELOW POINTE COUPEE DRAINAGE STRUCTURE (LA.)

LOCATION. LAT. 30-43-38. LONG. 91-43-54. ABOUT 300 FEET BELOW DRAINAGE STRUCTURE. (STA. 43905128)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1968 TO DATE.

STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | | | | | | 13.60 | | | | | | |
| 2 | | 20.30 | 22.93 | | | | | | | | 12.78 | |
| 3 | | | | | | | | 13.23 | | | | |
| 4 | | | | | 13.60 | | | | 13.32 | | | |
| 5 | 21.59 | | | | | | | | | 12.75 | | |
| 6 | | | 18.04 | | | | 13.78 | | | | | |
| 7 | | | | | | | | | | | | 13.20 |
| 8 | | | | | | 13.80 | | | | | | |
| 9 | | 20.07 | 22.25 | | | | | | 13.20 | 12.87 | 12.80 | |
| 10 | | | | | | | | 13.15 | | | | |
| 11 | | | | | 15.10 | | | | | | | |
| 12 | 18.64 | | | | | | | | | | | |
| 13 | | 18.87 | | 16.24 | | | 14.06 | | | | | |
| 14 | | | | | | | | | 13.20 | 12.72 | | 13.33 |
| 15 | 18.10 | | | | | 18.80 | | | | | | |
| 16 | | | 19.21 | | | | | | | | 12.92 | |
| 17 | | | | | | | | 19.12 | | | | |
| 18 | | 20.84 | | | 14.38 | | | | | 12.73 | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | 15.53 | | | 13.52 | | | | | |
| 21 | 25.59 | | | | | | | | 13.31 | | | 15.65 |
| 22 | | | | | 13.68 | 16.30 | | | | | | |
| 23 | | 22.20 | 19.66 | | | | | | | | 13.32 | |
| 24 | | | | | | | | 14.40 | | | | |
| 25 | | | | | | | | | | | | |
| 26 | 22.10 | | | | | | | | | 12.73 | | |
| 27 | | | | 13.90 | 15.67 | | 13.70 | | | | | |
| 28 | | | | | | | | | 12.90 | | | 15.42 |
| 29 | | ----- | | | | 13.70 | | | | | | |
| 30 | | ----- | 19.96 | ----- | | ----- | | | | | 13.80 | |
| 31 | | ----- | | ----- | | ----- | | 13.60 | ----- | ----- | | |

DAILY STAGE FOR 1987

WABPL (FWS) AT BAYOU ROUGE (LA.)

LOCATION. LAT 30-45-23, LONG. 91-54-35. ATTACHED TO PILE IN BAYOU ROUGE, 2.5 MILES NORTH OF
PALMETTO, LA. (STA. 4615012A)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JUNE 8, 1937, TO 1979, JUNE 14, 1982 TO FEB. 9, 1987.

EXTREMES HIGHEST, 29.8 FEET ON AUG. 9, 1940. LOWEST, 12.3 FEET FROM OCT 14 TO 16, 1950.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-------|-------|-----|-------|-----|-------|-----|-------|-----|-----|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | F | 21.93 | | | | | | | | | |
| 4 | | | 21.66 | | | | | | | | | |
| 5 | | | 21.32 | | | | | | | | | |
| 6 | | | 20.97 | | | | | | | | | |
| 7 | | | 20.75 | | | | | | | | | |
| 8 | | | 20.25 | | | | | | | | | |
| 9 | | | 19.70 | | | | | | | | | |
| 10 | | | S | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | F | 18.36 | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | F | 25.71 | | | | | | | | | | |
| 27 | F | 25.26 | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | ----- | | | | | | | | | | |
| 30 | | ----- | | | | | | | | | | |
| 31 | | ----- | | ----- | | ----- | | ----- | | ----- | | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|---|---|---|---|---|---|---|---|---|---|
| MEAN | 23.11 | 20.94 | | | | | | | | | | |
| MAX | 25.71 | 21.93 | | | | | | | | | | |
| MIN | 18.36 | 19.70 | | | | | | | | | | |
| DAYS | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 10

F=NOT AT STATED TIME S=DISCONTINUED

DAILY STAGE FOR 1987

BAYOU ROUGE NEAR PALMETTO, LA.

LOCATION . LAT. 30-45-23, LONG. 91-56-05. ON HIGHWAY 360 BRIDGE ABOUT 5 MILES NORTHEAST OF PALMETTO, LA.
(STA. 4615512A.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. FOR RECORDS 1937 TO 1987, REFER TO GAGE WABPL (FWS) AT BAYOU ROUGE (LA.).

RECORDS AVAILABLE. SEP. 30, 1987 TO DATE.

EXTREMES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|---------|---------|---------|-------|
| 1 | | | | | | | | | | 14.03 | 14.00 | 15.88 |
| 2 | | | | | | | | | | 14.01 | 14.09 | 15.85 |
| 3 | | | | | | | | | | 14.00 | 14.09 | 15.80 |
| 4 | | | | | | | | | | 13.99 | 14.10 | 15.77 |
| 5 | | | | | | | | | | 13.98 | 14.09 | 15.70 |
| 6 | | | | | | | | | | 13.94 | 14.08 | 15.67 |
| 7 | | | | | | | | | | 13.92 | 14.07 F | 15.64 |
| 8 | | | | | | | | | | 13.90 | 14.05 | 15.63 |
| 9 | | | | | | | | | | 13.90 | 14.17 | 15.62 |
| 10 | | | | | | | | | | 13.89 | 14.18 | 15.63 |
| 11 | | | | | | | | | | 13.88 | 14.18 | 15.59 |
| 12 | | | | | | | | | | 13.87 | 14.18 | 15.52 |
| 13 | | | | | | | | | | F 13.90 | 14.17 | 15.42 |
| 14 | | | | | | | | | | 13.81 | 14.16 | 15.33 |
| 15 | | | | | | | | | | 13.83 | 14.15 | 15.22 |
| 16 | | | | | | | | | | 13.88 | 14.18 | 15.04 |
| 17 | | | | | | | | | | 13.88 | 14.35 | 14.90 |
| 18 | | | | | | | | | | 13.87 | 14.40 | 14.74 |
| 19 | | | | | | | | | | 13.90 | 14.45 | 14.64 |
| 20 | | | | | | | | | | 13.89 | 14.68 | 14.65 |
| 21 | | | | | | | | | | 13.90 | 14.95 F | 15.40 |
| 22 | | | | | | | | | | 13.94 | 15.19 | 16.77 |
| 23 | | | | | | | | | | 13.97 | 15.45 | 17.60 |
| 24 | | | | | | | | | | 13.98 | 15.53 | 16.92 |
| 25 | | | | | | | | | | 13.99 | 15.66 | 16.63 |
| 26 | | | | | | | | | | 14.01 | 15.70 | 16.32 |
| 27 | | | | | | | | | | 14.11 | 15.68 | 16.09 |
| 28 | | | | | | | | | | 14.12 | 15.80 | 16.27 |
| 29 | | ----- | | | | | | | | 14.13 | 15.80 | 16.22 |
| 30 | | ----- | | | | | | | F 14.03 | 14.12 F | 15.88 | 16.00 |
| 31 | | ----- | | ----- | | ----- | | | ----- | 14.11 | ----- | 15.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|-------|-------|-------|-------|
| MEAN | | | | | | | | | 14.03 | 13.96 | 14.65 | 15.75 |
| MAX | | | | | | | | | 14.03 | 14.13 | 15.88 | 17.60 |
| MIN | | | | | | | | | 14.03 | 13.81 | 14.00 | 14.64 |
| DAYS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 93
F=NOT AT STATED TIME

DAILY STAGE FOR 1987

BIG DARBONNE BAYOU (FWS) AT COURTABLEAU, LA.

LOCATION: LAT. 30-33-05, LONG. 91-51-53. ON EAST SIDE OF DARBONNE BAYOU CONTROL STRUCTURE.
(STA. 4630012E.)

GAGE STAFF TYPE

RECORDS AVAILABLE INTERMITTENTLY, 1932 TO 1934, 1941 TO 1958, AND 1961 TO 1966. DAILY,
MAY 1966 TO DATE.EXTREMES (FROM INCOMPLETE RECORD) HIGHEST, 25.9 FEET ON MAY 3, 1945. LOWEST, 10.5 FEET ON SEP.
15, 1954.

DAILY SEVEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 18.04 | 18.04 | 18.29 | 17.94 | 14.04 | 14.64 | 14.44 | 13.54 | 14.50 | 13.00 | 12.50 | 16.30 |
| 2 | 17.89 | 17.94 | 18.24 | 17.79 | 14.04 | 14.54 | 14.44 | 13.49 | 14.40 | 13.00 | 12.50 | 16.20 |
| 3 | 17.74 | 17.84 | 18.24 | 17.59 | 13.99 | 14.39 | 14.44 | 13.44 | 14.25 | 12.90 | 12.50 | 16.20 |
| 4 | 17.74 | 17.74 | 18.24 | 17.44 | 13.84 | 14.39 | 14.44 | 13.39 | 14.10 | 12.80 | 12.50 | 16.20 |
| 5 | 17.74 | 17.54 | 18.19 | 17.24 | 13.84 | 14.29 | 14.49 | 13.34 | 14.00 | 12.75 | 12.50 | 16.15 |
| 6 | 17.69 | 17.44 | 18.14 | 17.09 | 13.84 | 14.19 | 14.44 | 13.34 | 13.90 | 12.70 | 12.50 | 16.10 |
| 7 | 17.59 | 17.34 | 18.14 | 16.89 | 13.94 | 14.14 | 14.44 | 13.34 | 13.80 | 12.70 | 12.50 | 16.05 |
| 8 | 17.44 | 17.19 | 18.14 | 16.69 | 13.94 | 14.04 | 14.39 | 13.49 | 13.80 | 12.60 | 12.50 | 16.00 |
| 9 | 17.24 | 17.04 | 18.09 | 16.44 | 13.94 | 13.99 | 14.44 | 13.49 | 13.70 | 12.60 | 12.55 | 16.00 |
| 10 | 17.09 | 16.84 | 18.04 | 16.24 | 13.94 | 13.99 | 14.14 | 13.54 | 13.70 | 12.55 | 12.60 | 16.00 |
| 11 | 16.94 | 16.64 | 17.99 | 15.94 | 14.19 | 13.94 | 14.94 | 14.04 | 13.65 | 12.50 | 12.60 | 15.90 |
| 12 | 16.74 | 16.54 | 17.94 | 15.74 | 14.24 | 14.09 | 15.09 | 14.59 | 13.60 | 12.45 | 12.60 | 15.75 |
| 13 | 16.54 | 16.34 | 17.84 | 15.69 | 14.44 | 14.64 | 15.09 | 15.44 | 13.50 | 12.45 | 12.60 | 15.55 |
| 14 | 16.44 | 16.14 | 17.64 | 15.54 | 14.74 | 15.44 | 15.04 | 15.89 | 13.50 | 12.45 | 12.55 | 15.45 |
| 15 | 16.34 | 15.99 | 17.54 | 15.34 | 15.14 | 15.64 | 15.69 | 15.94 | 13.45 | 12.45 | 12.45 | 15.30 |
| 16 | 16.24 | 16.69 | 17.39 | 15.24 | 15.19 | 15.94 | 14.59 | 15.94 | 13.40 | 12.40 | 12.45 | 15.10 |
| 17 | 16.44 | 16.84 | 17.34 | 15.14 | 15.24 | 15.94 | 14.34 | 15.94 | 13.35 | 12.40 | 14.60 | 14.85 |
| 18 | 17.29 | 17.04 | 17.64 | 15.04 | 15.14 | 15.64 | 14.29 | 15.94 | 13.35 | 12.40 | 14.30 | 14.75 |
| 19 | 17.64 | 16.94 | 17.94 | 14.94 | 15.14 | 15.54 | 14.29 | 15.84 | 13.35 | 12.40 | 15.50 | 14.70 |
| 20 | 17.74 | 16.69 | 18.04 | 14.84 | 14.94 | 15.39 | 14.29 | 15.69 | 13.40 | 12.40 | 15.70 | 14.80 |
| 21 | 18.14 | 16.79 | 18.04 | 14.74 | 14.74 | 15.24 | 14.29 | 15.54 | 13.40 | 12.45 | 15.80 | 14.80 |
| 22 | 18.34 | 17.14 | 18.09 | 14.64 | 14.69 | 15.14 | 14.24 | 15.30 | 13.40 | 12.40 | 15.95 | 16.30 |
| 23 | 18.44 | 17.24 | 18.04 | 14.59 | 14.69 | 15.09 | 14.24 | 15.20 | 13.35 | 12.35 | 16.00 | 16.40 |
| 24 | 18.44 | 17.54 | 18.34 | 14.54 | 15.04 | 14.99 | 14.14 | 15.00 | 13.30 | 12.35 | 16.05 | 16.30 |
| 25 | 18.49 | 17.74 | 18.44 | 14.44 | 15.09 | 14.84 | 14.04 | 14.85 | 13.20 | 12.35 | 16.10 | 16.10 |
| 26 | 18.44 | 17.84 | 18.44 | 14.34 | 15.04 | 14.74 | 13.99 | 14.70 | 13.20 | 12.35 | 16.15 | 16.00 |
| 27 | 18.44 | 18.04 | 18.39 | 14.24 | 15.19 | 14.59 | 13.99 | 14.60 | 13.20 | 12.45 | 16.15 | 15.90 |
| 28 | 18.34 | 18.24 | 18.34 | 14.19 | 15.14 | 14.49 | 13.94 | 14.45 | 13.10 | 12.50 | 16.20 | 15.85 |
| 29 | 18.29 | ----- | 18.24 | 14.14 | 15.04 | 14.44 | 13.74 | 14.40 | 13.10 | 12.50 | 16.20 | 15.70 |
| 30 | 18.14 | ----- | 18.14 | 14.09 | 14.94 | 14.34 | 13.74 | 14.60 | 13.05 | 12.50 | 16.35 | 15.60 |
| 31 | 18.14 | ----- | 18.04 | ----- | 14.74 | ----- | 13.74 | 14.60 | ----- | 12.50 | ----- | 15.60 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.62 | 17.19 | 18.05 | 15.62 | 14.58 | 14.76 | 14.31 | 14.61 | 13.57 | 12.54 | 14.05 | 15.74 |
| MAX | 18.49 | 18.24 | 18.44 | 17.94 | 15.24 | 15.94 | 15.09 | 15.94 | 14.50 | 13.00 | 16.35 | 16.40 |
| MIN | 16.24 | 15.99 | 17.34 | 14.09 | 13.84 | 13.94 | 13.74 | 13.34 | 13.05 | 12.35 | 12.45 | 14.70 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

Q=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 15.21

HIGHEST STAGE WAS 18.49 ON JAN 25

LOWEST STAGE WAS 12.35 ON OCT 23 AND LATER DATE(S)

DAILY STAGE FOR 1987

WABPL BORROW PIT (FWS) NEAR COURTABLEAU, LA.

LOCATION: LAT. 30-32-07, LONG. 91-51-23. ON RIGHT BANK AT JUNCTION WITH BAYOU COURTABLEAU AND 1.7 MILES SOUTHEAST OF COURTABLEAU. (STA. 4637512E.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. GAGE HAS BEEN KNOWN AS BAYOU COURTABLEAU CROSSING, FWS.

RECORDS AVAILABLE. STAGE, INTERMITTENTLY, 1932 TO 1950, 1953, AND 1956 TO 1957. DAILY, MAY 1968 TO DATE. DISCHARGE, 1932 TO 1934.

EXTREMES. HIGHEST, 26.0 FEET ON APR. 28, 1945. LOWEST, 10.6 FEET ON OCT. 15 AND LATER DATES IN 1972.

DAILY SEVEN A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.80 | 17.80 | 17.80 | 17.80 | 13.90 | 14.50 | 14.30 | 13.50 | 14.50 | 13.00 | 12.50 | 16.20 |
| 2 | 17.70 | 17.70 | 17.80 | 17.70 | 13.90 | 14.40 | 14.30 | 13.40 | 14.40 | 12.95 | 12.50 | 16.20 |
| 3 | 17.60 | 17.60 | 17.80 | 17.50 | 13.80 | 14.40 | 14.40 | 13.40 | 14.25 | 12.85 | 12.50 | 16.20 |
| 4 | 17.60 | 17.50 | 17.80 | 17.30 | 13.80 | 14.20 | 14.40 | 13.30 | 14.10 | 12.80 | 12.50 | 16.15 |
| 5 | 17.60 | 17.40 | 17.80 | 17.10 | 13.70 | 14.20 | 14.40 | 13.30 | 14.00 | 12.70 | 12.50 | 16.10 |
| 6 | 17.50 | 17.30 | 17.80 | 17.00 | 13.70 | 14.00 | 14.40 | 13.30 | 13.90 | 12.60 | 12.50 | 16.10 |
| 7 | 17.40 | 17.10 | 17.80 | 16.80 | 13.70 | 14.00 | 14.40 | 13.30 | 13.80 | 12.60 | 12.50 | 16.00 |
| 8 | 17.30 | 17.00 | 17.80 | 16.60 | 13.70 | 13.90 | 14.30 | 13.30 | 13.80 | 12.50 | 12.50 | 16.00 |
| 9 | 17.10 | 16.90 | 17.80 | 16.40 | 13.70 | 13.90 | 14.30 | 13.30 | 13.70 | 12.50 | 12.50 | 16.00 |
| 10 | 17.00 | 16.70 | 17.80 | 16.10 | 13.70 | 13.90 | 14.40 | 13.30 | 13.70 | 12.50 | 12.55 | 16.00 |
| 11 | 16.80 | 16.50 | 17.70 | 15.90 | 13.70 | 13.90 | 14.80 | 13.90 | 13.65 | 12.50 | 12.55 | 15.95 |
| 12 | 16.70 | 16.40 | 17.70 | 15.70 | 14.00 | 14.00 | 15.00 | 14.50 | 13.60 | 12.45 | 12.50 | 15.85 |
| 13 | 16.50 | 16.20 | 17.60 | 15.60 | 14.30 | 14.50 | 15.00 | 15.20 | 13.50 | 12.45 | 12.50 | 15.60 |
| 14 | 16.40 | 16.00 | 17.50 | 15.40 | 14.60 | 15.30 | 14.80 | 15.80 | 13.45 | 12.40 | 12.50 | 15.50 |
| 15 | 16.20 | 15.90 | 17.30 | 15.30 | 15.00 | 15.50 | 14.60 | 15.70 | 13.45 | 12.40 | 12.45 | 15.30 |
| 16 | 16.10 | 16.50 | 17.30 | 15.10 | 15.10 | 15.80 | 14.50 | 15.70 | 13.40 | 12.35 | 12.40 | 15.30 |
| 17 | 16.30 | 16.70 | 17.20 | 15.00 | 15.10 | 15.60 | 14.40 | 15.80 | 13.35 | 12.35 | 14.30 | 14.85 |
| 18 | 17.00 | 16.80 | 17.50 | 14.90 | 15.10 | 15.50 | 14.30 | 15.70 | 13.35 | 12.35 | 14.30 | 14.75 |
| 19 | 17.30 | 16.70 | 17.70 | 14.80 | 15.00 | 15.40 | 14.20 | 15.70 | 13.35 | 12.35 | 15.50 | 14.75 |
| 20 | 17.40 | 16.50 | 17.80 | 14.70 | 14.80 | 15.30 | 14.20 | 15.60 | 13.40 | 12.35 | 15.70 | 14.75 |
| 21 | 17.70 | 16.60 | 17.90 | 14.60 | 14.70 | 15.10 | 14.20 | 15.40 | 13.40 | 12.40 | 15.80 | 14.75 |
| 22 | 17.90 | 16.90 | 17.90 | 14.50 | 14.60 | 15.00 | 14.10 | 15.40 | 13.35 | 12.35 | 15.90 | 16.20 |
| 23 | 17.90 | 17.00 | 17.90 | 14.50 | 14.50 | 15.00 | 14.10 | 15.20 | 13.30 | 12.30 | 16.00 | 16.30 |
| 24 | 18.00 | 17.20 | 18.10 | 14.40 | 14.80 | 14.80 | 14.00 | 15.00 | 13.25 | 12.30 | 16.05 | 16.30 |
| 25 | 18.00 | 17.30 | 18.20 | 14.30 | 14.90 | 14.70 | 14.00 | 14.85 | 13.20 | 12.30 | 16.10 | 16.15 |
| 26 | 18.00 | 17.50 | 18.20 | 14.20 | 15.00 | 14.60 | 13.90 | 14.70 | 13.15 | 12.30 | 16.10 | 15.30 |
| 27 | 18.00 | 17.60 | 18.20 | 14.10 | 15.10 | 14.50 | 13.90 | 14.60 | 13.10 | 12.40 | 16.10 | 15.60 |
| 28 | 18.00 | 17.70 | 18.10 | 14.10 | 15.00 | 14.40 | 13.80 | 14.45 | 13.10 | 12.45 | 16.15 | 15.80 |
| 29 | 17.90 | ----- | 18.10 | 14.00 | 14.90 | 14.30 | 13.80 | 14.30 | 13.10 | 12.50 | 16.20 | 15.75 |
| 30 | 17.90 | ----- | 18.00 | 14.00 | 14.80 | 14.20 | 13.60 | 14.60 | 13.05 | 12.50 | 16.20 | 15.40 |
| 31 | 17.80 | ----- | 17.90 | ----- | 14.70 | ----- | 13.60 | 14.60 | ----- | 12.50 | ----- | 15.50 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.37 | 16.96 | 17.80 | 15.51 | 14.43 | 14.63 | 14.27 | 14.52 | 13.55 | 12.49 | 14.01 | 15.70 |
| MAX | 18.00 | 17.80 | 18.20 | 17.80 | 15.10 | 15.80 | 15.00 | 15.80 | 14.50 | 13.00 | 16.20 | 16.30 |
| MIN | 16.10 | 15.90 | 17.20 | 14.00 | 13.70 | 13.90 | 13.60 | 13.30 | 13.05 | 12.30 | 12.40 | 14.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 15.10

HIGHEST STAGE WAS 18.20 ON MAR 25 AND LATER DATE(S).

LOWEST STAGE WAS 12.30 ON OCT 23 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU COURTABLEAU OUTLET CHANNEL NEAR NORTHEAST WING WALL (LA.)

LOCATION. LAT. 30-32-02, LONG. 91-51-20 ON LEFT BANK, 300 FEET BELOW DRAINAGE STRUCTURE AND
1 7 MILES SOUTHEAST OF COURTABLEAU, LA. (STA. 4660012E.)

GAGE. AUTOMATIC RECORDER AND STAFF

RECORDS AVAILABLE. MAR. 28, 1957, TO DATE.

EXTREMES. HIGHEST 22.99 FEET ON MAY 26 AND 27, 1973. LOWEST, 8.43 FEET ON OCT. 6 AND 7, 1980.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.68 | 17.45 | 17.62 | 17.62 | | 12.50 | 11.65 | 10.93 | 12.00 | 10.13 | 9.51 | 16.25 |
| 2 | 17.51 | 17.41 | 17.60 | 17.48 | | 12.20 | 11.61 | 10.90 | 11.78 | 10.03 | 9.50 | 16.20 |
| 3 | 17.38 | 17.32 | 17.58 | 17.29 | | 12.00 | 11.60 | 10.90 | 11.56 | 9.90 | 9.50 | 16.20 |
| 4 | 17.45 | 17.20 | 17.56 | 17.10 | 12.73 | 11.81 | 11.60 | 10.90 | 11.31 | 9.83 | 9.48 | 16.14 |
| 5 | 17.48 | 17.04 | 17.52 | 16.92 | 12.70 | 11.70 | 11.58 | 10.90 | 11.12 | 9.79 | 9.48 | 16.10 |
| 6 | 17.40 | 16.90 | 17.54 | 16.80 | 12.75 | 11.58 | 11.55 | 10.91 | 10.98 | 9.74 | 9.90 | 16.00 |
| 7 | 17.28 | 16.75 | 17.40 | 16.46 | 12.52 | 11.47 | 11.57 | 10.90 | 10.86 | 9.72 | 10.16 | 15.90 |
| 8 | 17.09 | 16.58 | 17.43 | 16.33 | 12.47 | 11.35 | 11.50 | 10.95 | 10.75 | 9.70 | 10.26 | 15.93 |
| 9 | 16.90 | 16.38 | 17.43 | 16.10 | 12.34 | 11.28 | 12.25 | 10.91 | 10.69 | 9.70 | 10.37 | 16.06 |
| 10 | 16.73 | 16.02 | 17.50 | 15.90 | 12.39 | 11.22 | 15.25 | 10.96 | 10.65 | 9.68 | 10.38 | 16.01 |
| 11 | 16.58 | 15.99 | 17.45 | 15.70 | 12.30 | 11.20 | 15.40 | 15.05 | 10.60 | 9.65 | 10.38 | 15.90 |
| 12 | 16.28 | 15.90 | 17.42 | 15.50 | 12.11 | 11.68 | 15.38 | 13.47 | 10.59 | 9.61 | 10.30 | 15.79 |
| 13 | 16.00 | 15.60 | 17.40 | 15.30 | 12.00 | 11.52 | 15.15 | 15.60 | 10.54 | 9.60 | 10.25 | 15.63 |
| 14 | 16.03 | 15.29 | 17.20 | 15.10 | 15.08 | 12.22 | 14.02 | 16.10 | 10.60 | 9.60 | 10.21 | 15.49 |
| 15 | 15.78 | 15.12 | 17.13 | 14.90 | 15.07 | 14.70 | 13.40 | 15.33 | 10.57 | 9.57 | 10.20 | 15.27 |
| 16 | 15.69 | 16.78 | 17.04 | 14.72 | 15.18 | 15.32 | 12.90 | 15.29 | 10.51 | 9.54 | | 14.26 |
| 17 | 15.78 | 16.80 | 17.10 | 14.55 | 15.19 | 14.60 | 12.53 | 15.10 | 10.49 | 9.51 | | 15.03 |
| 18 | 17.20 | 16.64 | 17.58 | 14.40 | 15.19 | 14.30 | 12.22 | 14.62 | 10.47 | 9.51 | | 14.73 |
| 19 | 17.45 | 16.40 | 17.70 | 14.20 | 15.12 | 14.10 | 11.99 | 14.42 | 10.47 | 9.52 | | 13.70 |
| 20 | 17.50 | 16.08 | 17.78 | 14.02 | 13.94 | 13.92 | 11.90 | 14.30 | 10.46 | 9.52 | | 13.20 |
| 21 | 17.53 | 16.58 | 17.80 | 13.83 | 13.33 | 13.73 | 11.78 | 14.12 | 10.44 | 9.50 | | 13.30 |
| 22 | 17.64 | 17.00 | 17.80 | 13.67 | 12.95 | 13.50 | 11.67 | 13.89 | 10.42 | 9.50 | | 16.50 |
| 23 | 17.68 | 17.10 | 17.80 | 13.50 | 12.70 | 13.27 | 11.60 | 13.59 | 10.40 | 9.50 | 15.98 | 16.40 |
| 24 | 17.64 | 17.08 | 18.04 | 13.33 | 13.32 | 13.01 | 11.50 | 13.20 | 10.37 | 9.50 | 15.97 | 16.28 |
| 25 | 17.65 | 17.18 | 18.09 | 13.20 | 13.30 | 12.73 | 11.43 | 12.80 | 10.33 | 9.50 | 15.99 | 16.10 |
| 26 | 17.63 | 17.32 | 18.08 | 13.10 | 13.23 | 12.49 | 11.39 | 12.42 | 10.32 | 9.49 | 16.12 | 15.95 |
| 27 | 17.60 | 17.48 | 18.02 | 13.05 | 14.90 | 12.20 | 11.30 | 12.20 | 10.30 | 9.60 | 16.10 | 15.76 |
| 28 | 17.60 | 17.60 | 17.99 | | 13.98 | 11.98 | 11.22 | 11.91 | 10.28 | 9.58 | 16.23 | 15.79 |
| 29 | 17.59 | ----- | 17.89 | | 13.50 | 11.73 | 11.18 | 11.67 | 10.21 | 9.57 | 16.25 | 15.85 |
| 30 | 17.53 | ----- | 17.82 | | 13.17 | 11.60 | 11.10 | 12.20 | 10.18 | 9.55 | 16.25 | 15.80 |
| 31 | 17.50 | ----- | 17.72 | ----- | 12.80 | ----- | 11.00 | 12.13 | ----- | 9.53 | ----- | 15.71 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.12 | 16.68 | 17.61 | 15.19 | 13.44 | 12.56 | 12.27 | 12.86 | 10.67 | 9.63 | 12.12 | 15.59 |
| MAX | 17.68 | 17.60 | 18.09 | 17.62 | 15.19 | 15.32 | 15.40 | 16.10 | 12.00 | 10.13 | 16.25 | 16.50 |
| MIN | 15.69 | 15.12 | 17.04 | 13.05 | 12.00 | 11.20 | 11.00 | 10.90 | 10.18 | 9.49 | 9.48 | 13.20 |
| DAYS | 31 | 28 | 31 | 27 | 28 | 30 | 31 | 31 | 30 | 31 | 23 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

THE MEAN STAGE FOR THE YEAR WAS 13.83.

HIGHEST STAGE WAS 18.10 AT 11:00 P.M. ON MAR 24 AND LATER DATE(S).

LOWEST STAGE WAS 9.46 ON NOV 5.

DAILY STAGE FOR 1987

BAYOU COURTABLEAU OUTLET CHANNEL NEAR SOUTHEAST WING WALL (LA.)

LOCATION. LAT. 30-31-58. LONG. 91-51-20. ABOUT 346 FEET BELOW DRAINAGE STRUCTURE AND 1.7 MILES SOUTHEAST OF COURTABLEAU, LA. (STA. 4675012E.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1956 TO 1957. DAILY, MAR. 17, 1957, TO DATE.

EXTREMES. HIGHEST, 22.95 FEET ON MAY 26 AND 27, 1973. LOWEST, 8.70 FEET ON SEP. 24 AND LATER DATES IN 1980.

DAILY SEVEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.70 | 17.45 | 17.70 | 17.70 | 12.85 | 12.55 | 11.70 | 10.90 | 12.00 | 10.25 | 9.55 | 16.30 |
| 2 | 17.60 | 17.40 | 17.60 | 17.50 | 12.85 | 14.80 | 11.70 | 10.90 | 11.80 | 10.05 | 9.55 | 16.30 |
| 3 | 17.40 | 17.30 | 17.60 | 17.40 | 12.80 | 14.65 | 11.70 | 10.90 | 11.55 | 10.00 | 9.55 | 16.25 |
| 4 | 17.50 | 17.20 | 17.60 | 17.20 | 12.85 | 14.65 | 11.60 | 10.90 | 11.35 | 9.90 | 9.50 | 16.20 |
| 5 | 17.50 | 17.05 | 17.60 | 17.00 | 12.80 | 14.55 | 11.60 | 10.90 | 11.20 | 9.80 | 9.50 | 16.10 |
| 6 | 17.40 | 16.90 | 17.60 | 16.85 | 12.85 | 14.45 | 11.55 | 10.90 | 11.10 | 9.80 | 9.90 | 16.00 |
| 7 | 17.30 | 16.80 | 17.50 | 16.70 | 12.70 | 11.90 | 11.60 | 10.90 | 10.90 | 9.80 | 10.20 | 15.90 |
| 8 | 17.10 | 16.60 | 17.60 | 16.40 | 12.55 | 11.40 | 11.55 | 11.00 | 10.85 | 9.70 | 10.30 | 15.95 |
| 9 | 16.95 | 16.45 | 17.60 | 16.20 | 12.50 | 11.30 | 11.60 | 10.90 | 10.70 | 9.70 | 10.40 | 16.00 |
| 10 | 16.80 | 16.10 | 17.60 | 16.00 | 12.50 | 11.30 | 15.00 | 10.90 | 10.70 | 9.70 | 10.40 | 16.00 |
| 11 | 16.60 | 16.05 | 17.60 | 15.70 | 12.40 | 11.25 | 15.40 | 15.05 | 10.65 | 9.70 | 10.40 | 15.90 |
| 12 | 16.45 | 16.00 | 17.50 | 15.55 | 12.25 | 11.40 | 15.45 | 13.60 | 10.60 | 9.60 | 10.30 | 15.75 |
| 13 | 16.10 | 15.70 | 17.50 | 15.35 | 12.10 | 11.60 | 15.25 | 15.60 | 10.60 | 9.60 | 10.30 | 15.55 |
| 14 | 16.15 | 15.35 | 17.30 | 15.20 | 15.20 | 12.45 | 14.10 | 16.10 | 10.60 | 9.60 | 10.25 | 15.45 |
| 15 | 15.95 | 15.20 | 17.20 | 15.00 | 15.20 | 13.50 | 13.40 | 15.35 | 10.50 | 9.60 | | 15.25 |
| 16 | 15.75 | 16.80 | 17.10 | 14.80 | 15.20 | 15.80 | 12.95 | 15.30 | 10.50 | 9.50 | | 15.25 |
| 17 | 15.80 | 16.85 | 17.10 | 14.60 | 15.30 | 14.65 | 12.60 | 15.30 | 10.50 | 9.55 | | 14.80 |
| 18 | 17.20 | 16.70 | 17.60 | 14.50 | 15.25 | 14.35 | 12.20 | 14.60 | 10.40 | 9.55 | | 14.80 |
| 19 | 17.40 | 16.45 | 17.75 | 14.30 | 15.20 | 14.10 | | 14.40 | 10.40 | 9.55 | | 14.80 |
| 20 | 17.50 | 16.40 | 17.80 | 14.10 | 14.10 | 13.90 | | 14.30 | 10.40 | 9.55 | | 14.80 |
| 21 | 17.50 | 16.60 | 17.80 | 13.90 | 13.45 | 13.75 | | 14.10 | 10.40 | 9.50 | | 14.90 |
| 22 | 17.60 | 17.00 | 17.80 | 13.70 | 13.00 | 13.50 | | 13.85 | 10.40 | 9.50 | 15.95 | 16.50 |
| 23 | 17.60 | 17.10 | 17.80 | 13.60 | 12.80 | 13.30 | | 13.50 | 10.35 | 9.50 | 16.00 | 16.40 |
| 24 | 17.60 | 17.10 | 18.10 | 13.40 | 13.30 | 13.10 | | 13.20 | 10.30 | 9.50 | 16.00 | 16.30 |
| 25 | 17.60 | 17.20 | 18.15 | 13.30 | 13.30 | 12.80 | | 12.80 | 10.30 | 9.50 | 16.00 | 16.10 |
| 26 | 17.60 | 17.35 | 18.10 | 13.15 | 13.30 | 12.50 | 11.40 | 12.45 | 10.30 | 9.50 | 16.15 | 15.40 |
| 27 | 17.60 | 17.50 | 18.10 | 13.10 | 15.20 | 12.25 | 11.40 | 12.20 | 10.30 | 9.60 | 16.20 | 15.65 |
| 28 | 17.60 | 17.60 | 18.00 | 13.00 | 14.00 | 12.00 | 11.20 | 12.00 | 10.30 | 9.60 | 16.25 | 15.80 |
| 29 | 17.60 | ----- | 17.95 | 12.90 | 13.60 | 11.80 | 11.00 | 11.70 | 10.25 | 9.60 | 16.35 | 15.85 |
| 30 | 17.55 | ----- | 17.90 | 12.90 | 13.20 | 11.60 | 11.00 | 12.20 | 10.25 | 9.60 | 16.35 | 15.80 |
| 31 | 17.50 | ----- | 17.80 | ----- | 12.90 | ----- | 11.00 | 12.00 | ----- | 9.60 | ----- | 15.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.15 | 16.72 | 17.68 | 15.03 | 13.47 | 13.02 | 12.41 | 12.86 | 10.68 | 9.66 | 12.41 | 15.73 |
| MAX | 17.70 | 17.60 | 18.15 | 17.70 | 15.30 | 15.80 | 15.45 | 16.10 | 12.00 | 10.25 | 16.35 | 16.50 |
| MIN | 15.75 | 15.20 | 17.10 | 12.90 | 12.10 | 11.25 | 11.00 | 10.90 | 10.25 | 9.50 | 9.50 | 14.80 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 24 | 31 | 30 | 31 | 23 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 351
 THE MEAN STAGE FOR THE YEAR WAS 13.95
 HIGHEST STAGE WAS 18.15 ON MAR 25
 LOWEST STAGE WAS 9.50 ON OCT 16 AND LATER DATE(S).

DAILY STAGE FOR 1987

75

BAYDU COURTABLEAU OUTLET CHANNEL AT STATION 225+00 (L.A.) (EAST AUTO.)

LOCATION. LAT. 30-28-30, LONG. 91-50-20. ON TOWER, 5.5 MILES SOUTHEAST OF COURTABLEAU, LA. (STA. 4907512E.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. OCT. 9, 1959, TO DATE.

EXTREMES. HIGHEST, 23.19 FEET ON MAY 26 AND 27, 1973. LOWEST, (FROM INCOMPLETE RECORD) 9.20 FEET ON AUG. 11 AND 12, 1980.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.81 | 17.60 | 17.57 | 17.90 | 12.93 | | | | 12.20 | 10.27 | 9.71 | 16.30 |
| 2 | 17.69 | 17.58 | 17.59 | 17.79 | 12.90 | | | | 11.97 | 10.18 | 9.70 | 16.26 |
| 3 | 17.50 | 17.50 | 17.59 | 17.77 | 12.87 | | | | 11.75 | 10.08 | 9.69 | 16.22 |
| 4 | 17.50 | 17.47 | 17.59 | | 12.83 | | | | 11.52 | 9.99 | 9.67 | 16.18 |
| 5 | 17.50 | 17.47 | 17.59 | | 12.83 | | | | 11.33 | 9.93 | 9.67 | 16.13 |
| 6 | 17.48 | 17.42 | 17.60 | | 12.83 | | | | 11.20 | 9.90 | 10.08 | 16.04 |
| 7 | 17.42 | 17.42 | 17.59 | | 12.69 | | | | 11.13 | 9.87 | 10.32 | 15.95 |
| 8 | 17.29 | 17.40 | 17.60 | | 12.58 | | | | 10.96 | 9.85 | 10.43 | 15.95 |
| 9 | 17.21 | 17.40 | 17.60 | | 12.46 | | | | 10.89 | 9.83 | 10.53 | 16.06 |
| 10 | 17.21 | 17.35 | 17.61 | | 12.49 | | | | 10.85 | 9.80 | 10.58 | 16.05 |
| 11 | 17.20 | 17.33 | 17.61 | | 12.43 | | | | 10.81 | 9.78 | 10.56 | 15.94 |
| 12 | 17.20 | 17.30 | 17.62 | | 12.27 | | | | 10.80 | 9.76 | 10.49 | 15.85 |
| 13 | 17.20 | | 17.61 | | | | | | 10.75 | 9.74 | 10.43 | 15.69 |
| 14 | 17.20 | | 17.49 | | | | | | 10.73 | 9.72 | 10.43 | 15.54 |
| 15 | 17.20 | 16.55 | 17.42 | | 15.31 | | | | 10.70 | 9.70 | 10.40 | 15.36 |
| 16 | 17.20 | 16.71 | 17.31 | | | | | | 10.64 | 9.68 | 10.34 | 14.39 |
| 17 | 17.20 | 16.78 | 17.30 | 14.73 | | 14.73 | | | 10.57 | 9.67 | 14.78 | 15.15 |
| 18 | 17.20 | 16.70 | 17.66 | 14.61 | | 14.52 | | | 10.55 | 9.66 | 15.70 | 14.87 |
| 19 | 17.32 | 16.53 | 17.80 | 14.44 | | 14.29 | | 14.53 | 10.56 | 9.67 | 15.75 | 13.81 |
| 20 | 17.39 | 16.47 | 17.87 | 14.25 | | 14.13 | | 14.42 | 10.55 | 9.67 | 15.83 | 13.29 |
| 21 | 17.43 | 16.62 | 17.94 | 14.08 | | 13.93 | | 14.23 | 10.55 | 9.70 | 15.88 | 13.35 |
| 22 | 17.55 | 16.99 | 17.94 | 13.92 | | 13.70 | | 14.02 | 10.53 | 9.69 | 15.94 | 16.44 |
| 23 | 17.58 | 17.05 | 17.94 | 13.73 | | 13.48 | | 13.72 | 10.50 | 9.67 | 15.99 | 16.41 |
| 24 | 17.59 | 17.05 | 18.16 | 13.55 | | 13.23 | 11.53 | 13.35 | 10.46 | 9.66 | 16.00 | 16.27 |
| 25 | 17.62 | 17.15 | 18.20 | 13.40 | | 12.97 | | 12.95 | 10.45 | 9.66 | 16.04 | 16.12 |
| 26 | 17.62 | 17.27 | 18.21 | 13.28 | | 12.71 | | 12.58 | 10.43 | 9.65 | 16.19 | 15.95 |
| 27 | 17.62 | 17.40 | 18.21 | 13.19 | | 12.50 | | 12.36 | 10.42 | 9.78 | 16.17 | 15.83 |
| 28 | 17.62 | 17.51 | 18.20 | 13.13 | | | | 12.10 | 10.40 | 9.75 | 16.22 | 15.83 |
| 29 | 17.62 | ----- | 18.11 | 13.07 | | | | 11.86 | 10.35 | 9.75 | 16.27 | 15.90 |
| 30 | 17.60 | ----- | 18.08 | 12.99 | | | | 12.36 | 10.33 | 9.74 | 16.30 | 15.86 |
| 31 | 17.65 | ----- | 18.05 | ----- | | ----- | | 12.30 | ----- | 9.72 | ----- | 15.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.43 | 17.15 | 17.76 | 14.46 | 12.88 | 13.65 | 11.53 | 13.14 | 10.83 | 9.79 | 12.87 | 15.64 |
| MAX | 17.81 | 17.60 | 18.21 | 17.90 | 15.31 | 14.73 | 11.53 | 14.53 | 12.20 | 10.27 | 16.30 | 16.44 |
| MIN | 17.20 | 16.47 | 17.30 | 12.99 | 12.27 | 12.50 | 11.53 | 11.86 | 10.33 | 9.65 | 9.67 | 13.29 |
| DAYS | 31 | 26 | 31 | 17 | 13 | 11 | 1 | 13 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 265

THE MEAN STAGE FOR THE YEAR WAS 14.27

HIGHEST STAGE WAS 18.21 ON MAR 26 AND LATER DATE(S).

LOWEST STAGE WAS 9.65 ON OCT 17 AND LATER DATE(S).

DAILY STAGE FOR 1987

W3PL (FWS) AT CLEON, LA.

LOCATION. LAT. 30-19-42, LONG. 91-47-15. ON TOWER 200 FEET ABOVE TEXAS OIL CO. WHARF, IN LONG ISLAND BAY-CLEON NAVIGATION CHANNEL. (STA. 4912012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. DAILY, DEC. 5, 1934, TO OCT. 12, 1935, 1937 TO 1938, AND MAR. 22, 1957 TO DATE. INTERMITTENTLY, 1940 TO 1945.

EXTREMES. HIGHEST, 25.6 FEET FROM APR. 23, TO MAY 3, 1945. LOWEST, (FROM INCOMPLETE RECORD) 4.01 FEET ON NOV. 24, 1967.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|--------|--------|------|--------|--------|--------|-------|
| 1 | 17.44 | 16.86 | 16.50 | 17.55 | 12.80 | 9.88 | 8.54 | | 8.42 | | 7.16 | |
| 2 | 17.34 | 16.85 | 16.65 | 17.43 | 12.77 | 9.84 | 8.65 | | 8.34 F | 7.95 | 7.13 | |
| 3 | 17.23 | 16.82 | 16.77 | 17.31 | 12.74 | 9.75 | 8.67 | | 8.23 | 7.93 | 7.10 | |
| 4 | 17.20 | 16.78 | 16.86 | 17.13 | 12.69 | 9.69 | 8.61 | | 8.17 | 7.92 | 7.07 F | 10.50 |
| 5 | 17.13 | 16.70 | 16.94 | 16.95 | 12.64 | 9.63 | 8.55 | | 8.07 | 7.90 | 7.03 | 10.53 |
| 6 | 17.05 | 16.62 | 17.00 | 16.77 | 12.60 | 9.55 | 8.55 | | 8.05 | 7.85 | 6.99 F | 10.53 |
| 7 | 16.95 | 16.52 | 17.07 | 16.60 | 12.45 | 9.51 | 8.60 | | 8.05 | 7.90 | 6.97 | |
| 8 | 16.86 | 16.38 | 17.14 | 16.38 | 12.30 | 9.50 | 8.60 | | 8.04 | 7.81 | 6.97 | |
| 9 | 16.74 | 16.22 | 17.20 | 16.15 | 12.13 | 9.50 | 8.60 | | 8.03 | 7.84 | 7.03 | 10.55 |
| 10 | 16.60 | 15.97 | 17.26 | 15.94 | 11.97 | 9.48 | 8.53 F | 7.90 | 8.05 | 7.82 | 7.07 | 10.55 |
| 11 | 16.43 | 15.80 | 17.30 | 15.73 | 11.77 | 9.22 | 8.55 | 7.93 | 8.05 | 7.78 | 7.09 | 10.55 |
| 12 | 16.26 | 15.62 | 17.34 | 15.53 | 11.57 | 9.07 | 8.56 | 8.08 | 8.07 | 7.75 | 7.10 | 10.56 |
| 13 | 16.04 | 15.44 | 17.35 | 15.30 | 11.35 | 8.85 | 8.70 | 8.25 | 8.03 | 7.68 | 7.08 | 10.55 |
| 14 | 15.86 | 15.24 | 17.28 | 15.13 | 11.15 | 9.02 | 8.93 | 8.44 | 8.03 | 7.58 | 7.10 | 10.57 |
| 15 | 15.70 | 15.02 | 17.20 | 14.90 | 10.93 | 9.00 | 9.05 | 8.74 | 8.03 | 7.54 F | 7.10 | 10.57 |
| 16 | 15.56 | 15.00 | 17.12 | 14.72 | 10.77 | 8.88 | 9.08 | 9.14 | 8.00 | 7.43 | | 10.57 |
| 17 | 15.42 | 15.04 | 17.10 | 14.51 | 10.61 | 8.80 | 8.77 | 9.43 | 8.04 | 7.44 | | 10.59 |
| 18 | 15.47 | 15.10 | 17.30 | 14.32 | 10.48 | 9.04 | 8.42 | 9.64 | 8.08 | 7.41 | | 10.59 |
| 19 | 15.60 | 15.13 | 17.44 | 14.14 | 10.53 | 9.09 | 8.30 | 9.75 | 8.12 | 7.40 | | 10.60 |
| 20 | 15.76 | 15.10 | 17.55 | 13.93 | 10.55 | 9.04 | 8.15 | 9.62 | 8.07 | 7.37 | | 10.62 |
| 21 | 15.93 | 15.08 | 17.62 | 13.75 | 10.55 | 8.93 | 8.04 | 9.47 | 8.17 | 7.34 | | 10.62 |
| 22 | 16.18 | 15.23 | 17.64 | 13.58 | 10.50 | 8.89 | 7.98 | 9.30 | 8.11 | 7.34 | | 10.63 |
| 23 | 16.33 | 15.35 | 17.64 | 13.44 | 10.42 | 8.79 | 7.91 | 9.11 | 8.07 | 7.32 F | 8.68 | 10.60 |
| 24 | 16.44 | 15.50 | 17.84 | 13.30 | 10.35 | 8.64 | 7.85 | 8.90 | 8.05 | 7.26 | 8.66 | 10.65 |
| 25 | 16.59 | 15.66 | 17.88 | 13.17 | 10.29 | 8.54 | 7.78 | 8.87 | 8.01 | 7.22 | 8.65 | 10.64 |
| 26 | 16.68 | 15.85 | 17.89 | 13.08 | 10.25 | 8.55 | 7.73 | 8.79 | 7.91 | 7.18 | 8.66 | 10.63 |
| 27 | 16.75 | 16.07 | 17.88 | 13.01 | 10.17 | 8.45 F | 7.70 | 8.68 | | 7.35 | 8.65 | 10.60 |
| 28 | 16.80 | 16.34 | 17.85 | 12.94 | 10.14 | 8.43 | 7.70 | 8.59 | | 7.30 | 8.65 | 10.60 |
| 29 | 16.83 | ----- | 17.80 | 12.88 | 10.12 | 8.39 | | 8.50 | | 7.27 | | |
| 30 | 16.85 | ----- | 17.75 | 12.85 | 9.96 | 8.40 | | 8.59 | | 7.24 | | |
| 31 | 16.87 | ----- | 17.65 | ----- | 9.92 | ----- | | 8.45 | ----- | 7.20 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 16.48 | 15.83 | 17.35 | 14.95 | 11.21 | 9.08 | 8.40 | 8.83 | 8.09 | 7.54 | 7.52 | 10.58 |
| MAX | 17.44 | 16.86 | 17.89 | 17.55 | 12.80 | 9.88 | 9.08 | 9.75 | 8.42 | 7.95 | 8.68 | 10.65 |
| MIN | 15.42 | 15.00 | 16.50 | 12.85 | 9.92 | 8.39 | 7.70 | 7.90 | 7.91 | 7.18 | 6.97 | 10.50 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 28 | 22 | 26 | 30 | 21 | 23 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 331

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 11.56

HIGHEST STAGE WAS 17.90 AT 1:00 P.M. ON MAR. 26.

LOWEST STAGE WAS 6.95 ON NOV. 6.

DAILY STAGE FOR 1987

WABPL BORROW PIT (FWS) AT OPELOUSAS BAY (LA.)

LOCATION. LAT. 30-16-54, LONG. 91-44-11. ON BRIDGE, FOUR MILES SOUTHEAST OF NEW HENDERSON
LANDING, LA. (STA. 4913512D.)

GAUGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1935, 1938, 1945, 1946, 1949, 1950, 1961 AND 1969. DAILY, OCT
TO DEC. 1967, AND SEP. 1969 TO DATE.

EXTREMES. HIGHEST, 23.60 FEET ON MAY 26, 1973. LOWEST, 3.90 FEET ON SEP. 26 AND 27, 1969

DAILY EIGHT A.M. STAGE IN FEET

GAUGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|
| 1 | 16.46 | 15.78 | 15.65 | 16.37 | 12.19 | 9.55 | 8.24 | 7.40 | 7.45 | 7.68 | 6.97 | 9.40 |
| 2 | 16.37 | 15.77 | 15.80 | 16.19 | 12.25 | 9.48 | 8.30 | 7.41 | 8.22 | 7.68 | 6.91 | 9.57 |
| 3 | 16.29 | 15.75 | 15.96 | 16.07 | 12.30 | 9.37 | 8.40 | 7.41 | 8.15 | 7.67 | 6.80 | 9.58 |
| 4 | 16.27 | 15.70 | 16.11 | 16.00 | 12.19 | 9.31 | 8.38 | 7.45 | 7.98 | 7.66 | 6.79 | 9.65 |
| 5 | 16.13 | 15.63 | 16.17 | 15.89 | 12.02 | 9.24 | 8.37 | 7.48 | 7.80 | 7.66 | 6.75 | 9.71 |
| 6 | 16.05 | 15.57 | 15.75 | 15.77 | 11.78 | 9.18 | 8.34 | 7.50 | 7.80 | 7.65 | 6.73 | 9.70 |
| 7 | 16.00 | 15.50 | 16.40 | 15.57 | 11.57 | 9.12 | 8.35 | 7.50 | 7.82 | 7.65 | 6.71 | 9.85 |
| 8 | 15.88 | 15.37 | 16.53 | 15.30 | 11.09 | 9.02 | 8.32 | 7.50 | 7.81 | 7.64 | 7.06 | 9.94 |
| 9 | 15.75 | 15.15 | 16.54 | 15.07 | 11.33 | 8.90 | 8.30 | 7.51 | 7.80 | 7.62 | 7.03 | 10.02 |
| 10 | 15.59 | 15.06 | 16.63 | 14.85 | 11.14 | 8.78 | 8.28 | 7.65 | 7.77 | 7.61 | 6.92 | 10.02 |
| 11 | 15.35 | 14.80 | 16.71 | 14.63 | 10.83 | 8.62 | 8.27 | 7.82 | 7.76 | 7.60 | 6.83 | 10.12 |
| 12 | 14.47 | 14.59 | 16.75 | 14.51 | 10.61 | 8.50 | 8.32 | 7.96 | 7.73 | 7.57 | 6.79 | 10.20 |
| 13 | 14.45 | 14.37 | 16.73 | 14.26 | 10.40 | 8.38 | 8.21 | 8.10 | 7.80 | 7.51 | 6.73 | 10.11 |
| 14 | 14.47 | 14.20 | 16.65 | 14.07 | 10.18 | 8.60 | 8.02 | 8.15 | 7.80 | 7.45 | 6.70 | 10.13 |
| 15 | 14.49 | 14.03 | 16.63 | 13.83 | 9.83 | 8.72 | 7.89 | 8.16 | 7.80 | 7.42 | 6.73 | 10.15 |
| 16 | 14.50 | 14.05 | 16.61 | 13.57 | 9.70 | 8.65 | 7.80 | 8.30 | 7.80 | 7.40 | 6.74 | 10.10 |
| 17 | 14.54 | 14.00 | 16.60 | 13.39 | 9.61 | 8.58 | 7.60 | 8.45 | 7.81 | 7.35 | 7.10 | 9.82 |
| 18 | 14.45 | 13.96 | 16.74 | 13.15 | 9.52 | 8.51 | 7.70 | 8.62 | 7.81 | 7.32 | 7.35 | 9.51 |
| 19 | 15.18 | 14.03 | 16.83 | 12.97 | 9.60 | 8.46 | 7.72 | 8.87 | 7.80 | 7.29 | 7.46 | 9.20 |
| 20 | 14.84 | 14.03 | 16.92 | 12.82 | 9.64 | 8.42 | 7.70 | 8.70 | 7.80 | 7.24 | 7.56 | 9.20 |
| 21 | 15.03 | 14.00 | 17.01 | 12.64 | 9.69 | 8.30 | 7.67 | 8.61 | 7.80 | 7.20 | 7.79 | 9.30 |
| 22 | 15.23 | 14.09 | 17.08 | 12.37 | 9.76 | 8.28 | 7.63 | 8.50 | 7.80 | 7.15 | 6.73 | 9.33 |
| 23 | 15.34 | 14.23 | 17.09 | 12.12 | 9.80 | 8.24 | 7.60 | 8.40 | 7.78 | 7.10 | 6.74 | 9.35 |
| 24 | 15.43 | 14.45 | 17.06 | 11.81 | 9.78 | 8.23 | 7.55 | 8.32 | 7.74 | 7.10 | 7.10 | 9.43 |
| 25 | 15.54 | 14.75 | 17.02 | 11.55 | 9.77 | 8.22 | 7.50 | 8.27 | 7.71 | 7.10 | 7.35 | 9.53 |
| 26 | 15.67 | 15.07 | 16.99 | 11.63 | 9.76 | 8.21 | 7.50 | 8.16 | 7.68 | 7.10 | 7.80 | 9.60 |
| 27 | 15.75 | 15.26 | 16.97 | 11.82 | 9.75 | 8.20 | 7.49 | 8.14 | 7.68 | 7.20 | 8.15 | 9.85 |
| 28 | 15.79 | 15.49 | 16.95 | 11.88 | 9.72 | 8.09 | 7.47 | 8.11 | 7.68 | 7.18 | 8.50 | 10.38 |
| 29 | 15.88 | ----- | 16.75 | 11.77 | 9.70 | 8.06 | 7.45 | 8.10 | 7.68 | 7.18 | 9.10 | 10.72 |
| 30 | 15.87 | ----- | 16.60 | 12.14 | 9.68 | 8.18 | 7.43 | 7.50 | 7.68 | 7.17 | 9.25 | 10.95 |
| 31 | 15.86 | ----- | 16.49 | ----- | 9.62 | ----- | 7.41 | 7.61 | ----- | 7.16 | ----- | 11.34 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 15.45 | 14.81 | 16.60 | 13.81 | 10.48 | 8.65 | 7.91 | 7.99 | 7.79 | 7.40 | 7.24 | 9.71 |
| MAX | 16.46 | 15.78 | 17.09 | 16.37 | 12.30 | 9.55 | 8.40 | 8.87 | 8.22 | 7.68 | 9.25 | 11.34 |
| MIN | 14.45 | 13.96 | 15.65 | 11.55 | 9.52 | 8.06 | 7.41 | 7.40 | 7.45 | 7.10 | 6.70 | 9.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 10.65

HIGHEST STAGE WAS 17.09 ON MAR 23

LOWEST STAGE WAS 6.70 ON NOV 14

DAILY STAGE FOR 1987

WABPL (FWS) AT LOWER GRAND BAYOU (LA.)

LOCATION. LAT. 30-04-30, LONG. 91-37-13. ON RIGHT BANK OF GRAND BAYOU AT LEVEE STATION 3942+73,
1.9 MILES EAST OF DAUTERIVE LANDING, LA. (STA. 4919512D.)

GAGE. STAFF TYPE.

GENERAL INFORMATION. PRIOR TO 1973 GAGE ZERO WAS MINUS 0.45 FOOT, NGVD

RECORDS AVAILABLE. INTERMITTENTLY, 1933 TO 1943. DAILY, JUNE 1, 1944, TO DATE.

EXTREMES. HIGHEST, 21.20 FEET ON MAY 22 AND LATER DATES IN 1973. LOWEST, MINUS 0.35 FOOT ON
JAN. 21, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 10.4 | 6.8 | 8.6 | 10.9 | 9.5 | 4.2 | 4.6 | 3.3 | 2.4 | 2.5 | 2.1 | 4.6 |
| 2 | 10.0 | 6.8 | 8.9 | 10.7 | 9.5 | 4.3 | 4.4 | 3.2 | 2.3 | 2.4 | 2.0 | 4.6 |
| 3 | 9.6 | 7.0 | 9.1 | 10.4 | 9.4 | 4.4 | 4.5 | 3.0 | 2.3 | 2.4 | 1.9 | 4.5 |
| 4 | 9.3 | 7.0 | 9.4 | 10.2 | 9.2 | 4.6 | 4.3 | 2.9 | 2.4 | 2.4 | 2.0 | 4.4 |
| 5 | 9.0 | 7.1 | 9.7 | 10.1 | 9.3 | 4.8 | 4.4 | 3.0 | 2.4 | 2.5 | 2.0 | 4.4 |
| 6 | 8.9 | 7.0 | 10.0 | 10.0 | 9.1 | 4.9 | 4.4 | 2.8 | 2.4 | 2.3 | 2.1 | 4.3 |
| 7 | 8.8 | 7.0 | 10.3 | 10.0 | 8.9 | 5.1 | 4.5 | 2.8 | 2.5 | 2.3 | 2.0 | 4.5 |
| 8 | 8.9 | 6.7 | 10.8 | 10.0 | 8.5 | 5.3 | 4.4 | 2.9 | 2.5 | 2.4 | 2.0 | 4.4 |
| 9 | 8.8 | 6.5 | 11.0 | 9.9 | 8.1 | 5.5 | 4.6 | 2.7 | 2.6 | 2.2 | 2.1 | 4.5 |
| 10 | 8.6 | 6.5 | 11.3 | 9.7 | 7.8 | 5.7 | 4.4 | 2.7 | 2.6 | 2.2 | 2.1 | 4.5 |
| 11 | 8.0 | 6.6 | 11.5 | 9.5 | 7.5 | 6.0 | 4.5 | 2.8 | 2.5 | 2.1 | 2.2 | 4.6 |
| 12 | 7.5 | 6.7 | 11.7 | 9.4 | 7.3 | 6.2 | 4.4 | 3.0 | 2.6 | 2.1 | 2.2 | 4.6 |
| 13 | 7.3 | 6.6 | 11.9 | 9.3 | 7.0 | 6.3 | 4.3 | 2.9 | 2.7 | 2.2 | 2.1 | 4.5 |
| 14 | 7.2 | 6.7 | 12.1 | 9.2 | 6.6 | 6.4 | 4.3 | 2.7 | 2.5 | 2.2 | 2.0 | 4.6 |
| 15 | 7.2 | 6.8 | 12.2 | 9.2 | 6.3 | 6.4 | 4.4 | 2.6 | 2.6 | 2.3 | 2.4 | 4.4 |
| 16 | 7.2 | 7.0 | 12.2 | 9.1 | 6.0 | 6.5 | 4.4 | 2.6 | 2.6 | 2.1 | 2.8 | 4.3 |
| 17 | 7.1 | 7.2 | 12.2 | 9.2 | 5.8 | 6.4 | 4.5 | 2.5 | 2.4 | 2.1 | 3.8 | 4.3 |
| 18 | 7.1 | 7.2 | 12.3 | 9.0 | 5.5 | 6.4 | 4.4 | 2.5 | 2.4 | 2.0 | 4.2 | 4.4 |
| 19 | 7.0 | 7.1 | 12.3 | 8.9 | 5.3 | 6.2 | 4.4 | 2.4 | 2.2 | 1.9 | 4.6 | 4.4 |
| 20 | 6.9 | 7.0 | 12.1 | 8.7 | 5.1 | 6.0 | 4.2 | 2.4 | 2.2 | 1.8 | 4.7 | 4.5 |
| 21 | 6.8 | 7.2 | 12.2 | 9.0 | 4.9 | 5.8 | 4.3 | 2.2 | 2.2 | 1.6 | 4.7 | 4.6 |
| 22 | 6.7 | 7.3 | 12.0 | 9.1 | 4.7 | 5.6 | 4.4 | 2.2 | 2.3 | 1.5 | 4.8 | 4.7 |
| 23 | 6.7 | 7.4 | 11.9 | 9.1 | 4.3 | 5.4 | 4.4 | 2.0 | 2.1 | 1.6 | 5.0 | 4.8 |
| 24 | 6.6 | 7.6 | 11.8 | 9.2 | 4.3 | 5.2 | 4.5 | 2.1 | 2.2 | 1.6 | 5.1 | 5.0 |
| 25 | 6.6 | 7.8 | 11.7 | 9.3 | 4.2 | 5.0 | 4.5 | 2.2 | 2.2 | 1.9 | 5.0 | 5.2 |
| 26 | 6.5 | 8.0 | 11.6 | 9.3 | 4.2 | 4.8 | 4.3 | 2.3 | 2.4 | 2.0 | 5.0 | 5.5 |
| 27 | 6.5 | 8.1 | 11.5 | 9.3 | 4.0 | 4.6 | 4.1 | 2.3 | 2.5 | 2.0 | 5.1 | 5.8 |
| 28 | 6.6 | 8.3 | 11.4 | 9.4 | 4.0 | 4.5 | 4.0 | 2.2 | 2.5 | 2.1 | 5.0 | 6.1 |
| 29 | 6.6 | ----- | 11.2 | 9.4 | 3.9 | 4.4 | 3.9 | 2.3 | 2.6 | 2.2 | 4.9 | 6.8 |
| 30 | 6.6 | ----- | 11.1 | 9.4 | 4.0 | 4.4 | 3.6 | 2.3 | 2.6 | 2.0 | 4.8 | 7.4 |
| 31 | 6.7 | ----- | 11.0 | ----- | 4.1 | ----- | 3.4 | 2.2 | ----- | 2.0 | ----- | 8.0 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 7.7 | 7.1 | 11.2 | 9.5 | 6.4 | 5.4 | 4.3 | 2.6 | 2.4 | 2.1 | 3.4 | 4.9 |
| MAX | 10.4 | 8.3 | 12.3 | 10.9 | 9.5 | 6.5 | 4.6 | 3.3 | 2.7 | 2.5 | 5.1 | 8.0 |
| MIN | 6.5 | 6.5 | 8.6 | 8.9 | 3.9 | 4.2 | 3.4 | 2.0 | 2.1 | 1.5 | 1.9 | 4.3 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 5.6

HIGHEST STAGE WAS 12.3 ON MAR 18 AND LATER DATE(S)

LOWEST STAGE WAS 1.5 ON OCT 22.

DAILY STAGE FOR 1987

ARM OF GRAND LAKE NEAR CROOK CHENE COVE (LA.)

LOCATION. LAT. 30-04-35. LONG. 91-31-33. IN CANAL 8 MILES WEST OF GRAND LAKE. (STA. 4919712D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. DAILY, JAN. 23, 1976 TO MAY 27, 1976 AND MAR. 17, 1977 TO DATE.

EXTREMES. HIGHEST, 17.26 FEET ON JUN. 4, 1983. LOWEST, 3.81 FEET ON NOV. 3 AND 4, 1983.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|----------|---------|-------|-------|-------|------|------|-----|-----|-----|-----|-----|
| 1 | 10.96 | 8.55 | | 11.90 | 10.64 | | 6.41 | | | | | |
| 2 | 10.67 | 8.56 | | 11.78 | 10.65 | | 6.51 | | | | | |
| 3 | 10.57 | 8.49 | | 11.60 | 10.65 | | 6.39 | | | | | |
| 4 | 10.32 | | | 11.43 | 10.65 | | | | | | | |
| 5 | 10.19 | | | 11.25 | 10.57 | | | | | | | |
| 6 | 10.13 | | | 11.13 | 10.35 | 6.39 | | | | | | |
| 7 | 10.07 F | 7.90 | | 11.00 | 10.04 | 6.85 | | | | | | |
| 8 | 9.95 | 7.85 | | 10.90 | 9.75 | 7.20 | | | | | | |
| 9 | F 9.80 F | 7.85 | | 10.83 | 9.53 | 7.39 | | | | | | |
| 10 | | 8.03 | | 10.74 | 9.23 | 7.46 | | | | | | |
| 11 | | 8.13 | | 10.70 | 8.90 | 7.63 | | | | | | |
| 12 | | 8.18 | | 10.63 | 8.54 | 7.72 | | | | | | |
| 13 | | 8.21 | | 10.57 | 8.13 | 7.65 | | | | | | |
| 14 | | 8.25 | | 10.60 | 7.88 | 7.95 | | | | | | |
| 15 | | 8.33 | | 10.60 | 7.62 | 7.90 | | | | | | |
| 16 | | 8.50 | | 10.54 | 7.19 | 8.10 | | | | | | |
| 17 | | 8.64 | | 10.47 | 7.02 | 8.02 | | | | | | |
| 18 | | 8.63 | | 10.40 | 6.93 | 7.97 | | | | | | |
| 19 | | 8.50 | | 10.34 | 6.70 | 7.85 | | | | | | |
| 20 | | 8.41 | | 10.24 | 6.47 | 7.68 | | | | | | |
| 21 | | | | 10.23 | 6.36 | 7.55 | | | | | | |
| 22 | F 8.00 | | | 10.24 | 6.35 | 7.50 | | | | | | |
| 23 | 7.84 | | | 10.25 | 6.27 | 7.36 | | | | | | |
| 24 | 7.83 | | | 10.33 | 6.18 | 7.21 | | | | | | |
| 25 | 7.94 | | | 10.40 | 6.10 | 7.13 | | | | | | |
| 26 | 7.68 | | | 10.48 | 6.05 | 7.00 | | | | | | |
| 27 | 7.79 | F 12.72 | | 10.54 | 6.03 | 6.85 | | | | | | |
| 28 | 8.01 | | 12.57 | 10.56 | | 6.67 | | | | | | |
| 29 | 8.17 | ----- | 12.40 | 10.59 | | 6.54 | | | | | | |
| 30 | 8.30 | ----- | 12.28 | 10.63 | | 6.47 | | | | | | |
| 31 | 8.36 | ----- | 12.07 | ----- | | | | | | | | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|-------|------|------|---|---|---|---|---|
| MEAN | 9.08 | 8.29 | 12.41 | 10.73 | 8.18 | 7.36 | 6.44 | | | | | |
| MAX | 10.96 | 8.64 | 12.72 | 11.90 | 10.65 | 8.10 | 6.51 | | | | | |
| MIN | 7.68 | 7.85 | 12.07 | 10.23 | 6.03 | 6.39 | 6.39 | | | | | |
| DAYS | 19 | 17 | 5 | 30 | 27 | 25 | 3 | 0 | 0 | 0 | 0 | 0 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 126

F=NOT AT STATED TIME

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 12.72 AT 11:25 A.M. ON MAR 27.

LOWEST STAGE WAS NOT DETERMINED

DAILY STAGE FOR 1987

WABPL (FWS) AT LITTLE LAKE LONG (LA.)

LOCATION. LAT. 29-59-08, LONG. 91-32-55. ON RIGHT BANK OF LITTLE LAKE LONG, 900 FEET EAST OF WABPL AND ABOUT SEVEN MILES NORTH OF CHARENTON FLOODGATE. (STA. 4923013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1971 TO DATE.

EXTREMES. HIGHEST, 18.99 FEET ON MAY 25, 1973. LOWEST, 1.28 FEET ON SEP. 29, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|-------|------|--------|--------|--------|-------|------|-------|------|
| 1 | | 6.88 | 8.40 | | | 4.18 | 4.04 | | 2.66 | 2.15 | 1.96 | 4.35 |
| 2 | | 6.95 | 8.49 | | | 4.27 | 4.13 | | 2.67 | 2.94 | 1.95 | 4.42 |
| 3 | | 6.92 | 8.60 F | 10.00 | | 4.40 | 4.04 | | 2.52 | 2.68 | 1.99 | 4.56 |
| 4 | | 6.88 | 8.73 | 9.85 | | 4.44 | 3.92 | | 2.38 | 2.32 | 2.04 | 4.54 |
| 5 | | 6.85 | 8.98 | 9.70 | | 4.50 | 3.92 | | 2.52 | 2.40 | 2.05 | 4.34 |
| 6 | | 6.74 | 9.25 | 9.57 | | 4.67 | 3.94 | | 2.74 | 2.48 | 2.09 | 4.35 |
| 7 | | 6.60 | 9.56 | | | 5.03 | 3.95 | 2.96 | 2.75 | 2.37 | 2.03 | 4.60 |
| 8 | | 6.44 | 9.84 | | | 5.35 | 4.16 | 2.93 | 2.74 | 2.28 | 2.14 | 4.63 |
| 9 | F | 8.28 | 6.45 | | | 5.60 | 4.02 F | 2.94 | 2.77 | 2.25 | 2.89 | 4.84 |
| 10 | | 8.10 | 6.47 F | 9.85 | | 5.69 | 3.87 | 3.40 | 2.86 | 2.28 | 2.75 | 4.69 |
| 11 | 7.78 | 6.52 | 9.68 | | | 5.82 | 3.95 | 3.09 | 2.93 | 2.23 | 2.14 | 4.67 |
| 12 | 7.50 | 6.37 | 9.52 | | | 5.97 | 4.00 | 2.93 | 2.88 | 2.16 | 1.84 | 4.67 |
| 13 | 7.26 | 6.60 | 9.38 | | | 5.99 | 4.03 F | 2.90 | 3.22 | 1.89 | 1.95 | 4.69 |
| 14 | 7.08 | 6.64 | 9.27 | | 6.52 | 6.43 | 4.14 | | 3.04 | 1.90 | 2.17 | 4.70 |
| 15 | 6.95 | 6.66 | 9.15 | | 6.30 | 6.37 | 4.18 | | 2.72 | 2.01 | 2.45 | 4.86 |
| 16 | 6.90 | 6.92 | 9.06 | | 5.90 | 6.36 | 4.17 | | 3.07 | 2.01 | 3.13 | 4.43 |
| 17 | 6.78 | 7.00 | 8.98 | | 5.64 | 6.16 | 4.21 | | 3.11 | 1.99 | 4.03 | 4.24 |
| 18 | 6.83 | 7.08 | 8.80 | | 5.53 | 6.11 | 4.23 | | 2.71 | 1.90 | 4.33 | 4.27 |
| 19 | 6.86 | 6.96 | 8.80 | | 5.27 | 5.79 | 4.13 F | 2.85 | 2.74 | 1.89 | 4.64 | 4.41 |
| 20 | 6.85 | 6.90 | 8.83 | | 5.05 | 5.60 | 4.10 | 2.75 | 2.56 | 1.90 | 4.63 | 4.69 |
| 21 | 6.77 | 7.01 | | | 4.76 | 5.52 F | 4.14 | 2.66 | 2.52 | 1.95 | 4.69 | 4.80 |
| 22 | 6.70 | 7.28 | | | 4.48 | 5.48 | | 2.53 | 2.54 | 1.89 | 4.87 | 4.95 |
| 23 | 6.50 | 7.40 | | | 4.20 | 5.26 | | 2.33 | 2.34 | 2.12 | 5.07 | 4.85 |
| 24 | 6.44 | 7.56 | | | 4.13 | 4.98 | | 2.22 | 2.35 | 2.28 | 5.03 | 4.93 |
| 25 | 6.48 | 7.64 | | | 4.02 | 4.84 | | 2.32 | 2.51 | 2.38 | 5.15 | 5.13 |
| 26 | 6.32 | 7.74 | | | 4.07 | 4.60 | | 2.56 | 2.56 | 2.34 | 5.00 | 5.40 |
| 27 | 6.32 | 7.96 | | | 3.96 | 4.32 | | 2.56 F | 2.93 | 2.37 | 4.70 | 5.58 |
| 28 | 6.44 | 8.23 | | | 4.08 | 4.20 | | 2.90 | | 1.89 | 4.53 | 5.90 |
| 29 | 6.54 | ----- | | | 4.19 | 4.19 | | 2.47 | | 1.90 | 4.41 | 6.40 |
| 30 | 6.68 | ----- | | | 4.25 | 4.15 | | 2.51 F | 2.45 | 2.02 | 4.44 | 7.18 |
| 31 | 6.78 | ----- | | ----- | 4.23 | ----- | | 2.61 | ----- | 2.01 | ----- | 8.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| MEAN | 6.92 | 6.99 | 9.11 | 9.78 | 4.81 | 5.21 | 4.06 | 2.70 | 2.71 | 2.17 | 3.37 | 4.97 |
| MAX | 8.28 | 8.23 | 9.85 | 10.00 | 6.52 | 6.43 | 4.23 | 3.40 | 3.22 | 2.94 | 5.15 | 8.05 |
| MIN | 6.32 | 6.44 | 8.40 | 9.57 | 3.96 | 4.15 | 3.87 | 2.22 | 2.34 | 1.89 | 1.84 | 4.24 |
| DAYS | 23 | 28 | 19 | 4 | 18 | 30 | 21 | 20 | 28 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 283

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 4.76

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 10.00 AT 9:00 A.M. ON APR 3.

LOWEST STAGE WAS 1.82 ON NOV 12

DAILY STAGE FOR 1987

BUFFALO COVE AT ROUND ISLAND (LA.)

LOCATION: LAT. 29-59-00, LONG. 91-31-30. ON SOUTHEAST SIDE OF ROUND ISLAND. (STA. 4923513.)

GAGE: AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE: FEB. 26, 1976 TO DATE.

EXTREMES: HIGHEST, 14.98 FEET ON JUN. 3, 1983. LOWEST, (FROM INCOMPLETE RECORD) 0.11 FOOT ON OCT. 17 AND 18, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|-------|-------|--------|------|-------|------|------|-------|------|-------|------|
| 1 | 9.25 | | | 10.04 | 8.82 | 4.05 | 4.03 | 2.95 | | | 2.04 | 4.14 |
| 2 | 8.94 | | | 9.91 | 8.80 | 4.06 | 4.10 | 2.76 | | | 1.93 | 4.07 |
| 3 | 8.68 | | | 9.75 | 8.83 | 4.17 | 4.00 | 2.68 | | | 1.99 | 4.18 |
| 4 | 8.55 | | | 9.55 | 8.80 | 4.20 | 3.85 | 2.70 | | | 1.94 | 4.19 |
| 5 | 8.30 | F | 8.66 | 9.42 | 8.68 | 4.26 | 3.80 | 2.84 | | | 2.28 | 4.00 |
| 6 | 8.21 | | 8.86 | 9.25 | 8.45 | 4.40 | 3.80 | 2.90 | | | 1.72 | 4.03 |
| 7 | 8.15 | | 9.18 | 9.14 | 8.18 | 4.67 | 3.83 | | | | 2.20 | 4.24 |
| 8 | 8.07 F | 6.12 | 9.56 | 9.03 | 7.95 | 4.97 | 3.99 | | | | 2.56 | 4.26 |
| 9 | 7.95 | 6.13 | 9.93 | 8.95 | 7.70 | 5.20 | 3.89 | | | | 2.74 | 4.44 |
| 10 | 7.77 | 6.13 | 10.24 | 8.88 | 7.48 | 5.32 | 3.76 | | | | 2.50 | 4.35 |
| 11 | 7.45 | 6.18 | 10.47 | 8.84 | 7.20 | 5.45 | 3.75 | | | | 0.90 | 4.34 |
| 12 | 7.16 | 6.21 | 10.66 | 8.76 | 6.93 | 5.64 | 3.77 | | | | 1.05 | 4.38 |
| 13 | 6.94 | 6.25 | 10.85 | 8.69 | 6.60 | 5.72 | 3.80 | | | | 1.84 | 4.36 |
| 14 | 6.76 | 6.28 | 11.00 | 8.76 F | 6.35 | 6.13 | 3.88 | | | | 2.05 | 4.38 |
| 15 | 6.64 | 6.33 | 11.14 | 8.73 | 6.15 | 6.12 | 3.93 | F | 2.60 | | 2.30 | 4.50 |
| 16 | 6.58 | 6.54 | 11.24 | 8.66 | 5.84 | 6.16 | 3.92 | | | | 2.95 | 4.15 |
| 17 | 6.47 | 6.62 | 11.32 | 8.59 | 5.63 | 6.02 | 3.94 | | | | 3.76 | 3.98 |
| 18 | 6.53 | 6.67 | 11.49 | 8.54 | 5.50 | 5.98 | 3.96 | | | | 4.01 | 3.98 |
| 19 | 6.53 | 6.65 | 11.49 | 8.44 | 5.28 | 5.73 | 3.90 | | | | 4.30 | 4.10 |
| 20 | 6.50 | 6.59 | 11.45 | 8.37 | 5.08 | 5.55 | 3.92 | | | | 4.30 | 4.34 |
| 21 | 6.45 | 6.67 | 11.37 | 8.37 | 4.85 | 5.45 | 3.96 | | | | 4.37 | 4.41 |
| 22 | | 6.93 | 11.25 | 8.38 | 4.58 | 5.43 | 3.99 | | F | 1.56 | 4.51 | 4.56 |
| 23 | | F | 7.00 | 11.17 | 8.41 | 4.37 | 5.24 | 4.09 | | 2.08 | 4.70 | 4.48 |
| 24 | | | | 11.18 | 8.47 | 4.28 | 5.02 | 4.15 | | 2.20 | 4.67 | 4.55 |
| 25 | | | | 11.11 | 8.57 | 4.15 | 4.88 | 4.13 | | 2.19 | 4.80 | 4.73 |
| 26 | | | 10.99 | 8.65 | 4.22 | 4.66 | 4.15 | | | 2.40 | 4.71 | 4.95 |
| 27 | | | 10.85 | 8.70 | 4.13 | 4.42 | 4.09 | | | 2.20 | 4.47 | 5.10 |
| 28 | | | 10.67 | 8.73 | 4.10 | 4.27 | 3.90 | | | 1.54 | 4.33 | 5.35 |
| 29 | | ----- | 10.51 | 8.76 | 4.11 | 4.18 | 3.73 | | | 2.04 | 4.20 | 5.73 |
| 30 | | ----- | 10.40 | 8.80 | 4.12 | 4.13 | 3.47 | | | 2.22 | 4.22 | 6.24 |
| 31 | | ----- | 10.20 | ----- | 4.07 | ----- | 3.25 | | ----- | 2.10 | ----- | 6.88 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|-------|-------|------|------|------|------|------|------|------|------|
| MEAN | 7.52 | 6.46 | 10.64 | 8.87 | 6.17 | 5.05 | 3.89 | 2.80 | 2.60 | 2.05 | 3.14 | 4.56 |
| MAX | 9.25 | 7.00 | 11.49 | 10.04 | 8.83 | 6.16 | 4.15 | 2.95 | 2.60 | 2.40 | 4.80 | 6.88 |
| MIN | 6.45 | 6.12 | 8.66 | 8.37 | 4.07 | 4.05 | 3.25 | 2.68 | 2.60 | 1.54 | 0.90 | 3.98 |
| DAYS | 21 | 16 | 27 | 30 | 31 | 30 | 31 | 6 | 1 | 10 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 264

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 5.89.

HIGHEST STAGE WAS 11.49 AT 8.00 A.M. ON MAR 18 AND LATER DATE(S).

LOWEST STAGE WAS 0.86 ON NOV 11.

DAILY STAGE FOR 1987

BAYOU FORDOCHE NEAR KROTZ SPRINGS, LA.

LOCATION. LAT. 30-29-10, LONG. 91-48-40. ON BRIDGE BELOW JUNCTION WITH BAYOU COURTABLEAU, FIVE MILES SOUTHWEST OF KROTZ SPRINGS. (STA. 4925512D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 13, 1954, TO DATE.

EXTREMES. HIGHEST, 23.28 FEET ON MAY 27, 1973. LOWEST, (FROM INCOMPLETE RECORD) 9.90 FEET ON SEP. 14, 1979.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|-------|-------|---------|---------|---------|---------|---------|---------|-------|
| 1 | 18.69 | 18.45 | | 18.48 | 13.88 | 14.92 | 14.28 | | 14.86 | | | 16.88 |
| 2 | 18.50 | 18.42 F | 18.52 | 18.38 | 13.78 | 14.75 | 14.35 | | 14.75 | | 12.65 | 16.87 |
| 3 | 18.38 | 18.38 | 18.51 | 18.20 | 13.70 | 14.68 | 14.35 F | 13.85 | 14.60 | | | 16.83 |
| 4 | 18.33 | 18.28 | 18.51 | 18.00 | 13.65 | 14.52 | 14.33 | | 14.47 | | | 16.81 |
| 5 | 18.35 | 18.12 | 18.50 | 17.82 | 13.70 | 14.38 | 14.26 | | 14.32 F | 12.95 | | 16.77 |
| 6 | 18.30 | 18.02 | 18.50 | 17.80 | 13.70 | 14.18 | 14.40 | | 14.20 | | | 16.70 |
| 7 | 18.20 | 17.92 | 18.50 | 17.60 | 13.62 | 14.04 | 14.42 | | 14.06 | | | 16.71 |
| 8 | 18.08 | 17.80 | 18.50 | 17.38 | 13.55 | 13.95 | 14.39 | | 13.85 | | | 16.68 |
| 9 | 17.90 | 17.60 | 18.51 | 17.16 | 13.48 | 13.88 | 14.31 | | 13.67 | | F 12.65 | 16.70 |
| 10 | 17.80 | 17.38 | 18.43 | 16.94 | 13.50 | 13.82 | 15.23 F | 13.90 | 13.58 | | | 16.70 |
| 11 | 17.62 | 17.25 | 18.40 | 16.78 | 13.60 | 13.78 | 15.61 | 15.27 | 13.50 | | | 16.62 |
| 12 | 17.48 | 17.15 | 18.37 | 16.60 | 13.60 | 13.82 | 15.74 | 15.33 | 13.47 | | | 16.54 |
| 13 | 17.20 | 16.98 | 18.38 | 16.35 | 13.78 | 14.18 | 15.78 | 16.51 | 13.43 F | 12.80 | | 16.40 |
| 14 | 17.15 | 16.78 | 18.20 | 16.20 | 15.45 | 15.75 | 15.32 | 16.91 | 13.31 | | | 16.40 |
| 15 | 16.99 | 16.60 | 18.10 | 16.00 | 15.72 | 16.01 | 15.02 | | 13.29 | | | 16.04 |
| 16 | 16.88 | 17.22 | 18.02 | 15.85 | 15.85 | 16.50 | 14.82 | | 13.27 | | F 12.65 | 15.62 |
| 17 | 17.00 | 17.41 | 18.04 | 15.70 | 15.90 | 16.22 | 14.67 | 16.44 | 13.26 | | 13.63 | 15.55 |
| 18 | 17.75 | 17.50 | 18.30 | 15.60 | 15.87 | 16.10 | 14.52 | 16.33 | 13.24 | | 15.31 | 15.40 |
| 19 | 18.00 | 17.42 | 18.52 | 15.45 | 15.82 | 15.95 | 14.40 | 16.25 | 13.25 F | 12.66 | 16.18 | 14.90 |
| 20 | 18.05 | 17.22 | 18.62 | 15.36 | 15.38 | 15.82 | 14.37 | 16.10 | 13.24 | | 16.39 | 14.59 |
| 21 | 18.32 | 17.30 | 18.68 | 15.28 | 15.10 | 15.68 | 14.30 | 15.95 F | 13.21 | | 16.51 | 14.85 |
| 22 | 18.52 | 17.60 | 18.70 | 15.12 | 15.00 | 15.55 | 14.20 | 15.78 | | | 16.58 | 16.87 |
| 23 | 18.58 | 17.70 | 18.67 | 15.00 | 14.92 | 15.45 | 14.12 | 15.59 | | | 16.66 | 17.00 |
| 24 | 18.61 | 17.84 | 18.90 | 14.75 | 15.35 | 15.30 | 14.01 | 15.32 | | | 16.70 | 16.94 |
| 25 | 18.70 | 17.98 | 18.95 | 14.65 | 15.55 | 15.15 | 13.90 | 15.17 | | | 16.74 | 16.85 |
| 26 | 18.70 | 18.10 | 18.97 | 14.52 | 15.50 | 15.00 | 13.79 | 15.01 | | F 12.70 | 16.79 | 16.70 |
| 27 | 18.65 | 18.22 | 18.94 | 14.37 | 15.82 | 14.82 F | 13.75 | 14.88 | | | 16.78 | 16.53 |
| 28 | 18.62 | | 18.90 | 14.20 | 15.68 | 14.62 | | 14.72 F | 13.08 | | 16.82 | 16.50 |
| 29 | 18.60 | ----- | 18.82 | 14.06 | 15.40 | 14.41 | | 14.65 | | | 16.86 | 16.38 |
| 30 | 18.58 | ----- | 18.79 | 13.95 | 15.25 | 14.26 | | 14.83 | | | 16.89 | |
| 31 | 18.50 | ----- | 18.60 | ----- | 15.10 | ----- | | 14.91 | ----- | ----- | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18.10 | 17.65 | 18.54 | 16.12 | 14.72 | 14.92 | 14.54 | 15.41 | 13.72 | 12.78 | 15.69 | 16.34 |
| MAX | 18.70 | 18.45 | 18.97 | 18.48 | 15.90 | 16.50 | 15.78 | 16.91 | 14.86 | 12.95 | 16.89 | 17.00 |
| MIN | 16.88 | 16.60 | 18.02 | 13.95 | 13.48 | 13.78 | 13.75 | 13.85 | 13.08 | 12.66 | 12.65 | 14.59 |
| DAYS | 31 | 27 | 30 | 30 | 31 | 30 | 27 | 21 | 22 | 4 | 17 | 29 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 299

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 16.03.

HIGHEST STAGE WAS 18.97 AT 8:00 A.M. ON MAR 26.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

ALABAMA BAYOU (FWS) AT SHERBURNE, LA.

LOCATION. LAT. 30-42-40, LONG. 91-30-56. ON LEFT BANK AT HEAD. (STA. 4940012B.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1972 TO DATE.

EXTREMES. HIGHEST, 29.40 FEET ON MAY 24, 1973. LOWEST, (FROM INCOMPLETE RECORD) 10.40 FEET ON DEC. 1, 1987.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|-------|---------|---------|-------|-------|---------|---------|---------|-------|
| 1 | 16.55 | 16.78 | 17.32 | 16.60 | 11.59 | 11.62 | 11.62 | | 10.78 | | | 10.40 |
| 2 | 16.46 | 16.70 | 17.32 | 16.91 | 11.91 | 11.37 | 11.54 | | F 10.98 | | | |
| 3 | 16.39 | 16.62 | 17.32 | 16.41 | 11.42 | F 11.27 | 11.47 | | | | | |
| 4 | 16.45 | 16.61 | 17.31 | 16.32 | 11.32 | | 11.38 | | | | | |
| 5 | 16.43 | 16.54 | 17.22 | 16.20 | 11.25 | | 11.31 | | | | | |
| 6 | 16.41 | 16.49 | 17.14 | 16.09 | 11.11 | | 11.22 | | | | | |
| 7 | 16.32 | 16.47 | 17.05 | 15.95 | 11.02 | | 11.17 | | | | | |
| 8 | 16.27 | 16.43 | 17.00 | 15.81 | 10.93 | | 11.34 | | F 10.57 | | F 10.60 | |
| 9 | 16.22 | 16.39 | 16.93 | 15.65 | 10.89 | | 11.84 | | | | | |
| 10 | 16.19 | 16.35 | 16.87 | 15.50 | 10.85 | | 12.21 | | | | | |
| 11 | 16.12 | 16.31 | 16.82 | 15.31 | 10.83 | | 12.40 | 10.66 | | | | |
| 12 | 16.05 | 16.25 | 16.77 | 15.10 | 10.90 | | 12.37 | 10.61 | | | | |
| 13 | 15.95 | 16.17 | 16.70 | 14.89 | 11.11 | | 12.20 | 12.00 | | | | |
| 14 | 15.89 | 16.11 | 16.64 | 14.77 | 11.79 | | 12.02 | 13.81 | | | | |
| 15 | 15.82 | 16.06 | 16.56 | 14.71 | F 12.60 | | 11.82 | 14.62 | | | | |
| 16 | 15.80 | 16.21 | 16.49 | 14.64 | | | 11.63 | 14.94 | | F 10.58 | | |
| 17 | 15.92 | 16.27 | 16.42 | 14.47 | F 12.59 | | 11.50 | 15.05 | | | | |
| 18 | 16.34 | 16.31 | 16.66 | 14.24 | F 12.37 | | 11.37 | 14.90 | | | | |
| 19 | 16.59 | 16.33 | 16.67 | 14.04 | 12.21 | | 11.21 | 14.61 | | | | |
| 20 | 16.74 | 16.34 | 16.67 | 13.84 | 11.96 | | 11.12 | 14.23 | | | F 10.76 | |
| 21 | 16.91 | 16.39 | 16.65 | 13.62 | 11.73 | | 10.98 | 13.85 | | | | 11.00 |
| 22 | F 17.26 | 16.65 | 16.63 | 13.35 | 11.52 | | 10.87 | 13.42 | | | F 10.86 | |
| 23 | F 17.34 | 16.71 | 16.60 | 13.10 | 11.37 | | 10.79 | 13.04 | | | | 12.06 |
| 24 | 17.37 | 16.77 | 16.85 | 12.83 | 11.26 | | | 12.65 | | | | 12.68 |
| 25 | 17.42 | 16.89 | 16.85 | 12.60 | 11.52 | | | 12.28 | | | | 12.94 |
| 26 | 17.36 | 17.02 | 16.86 | 12.36 | 12.12 | | | 11.94 | | | | 12.95 |
| 27 | 17.29 | 17.11 | 16.87 | 12.16 | F 12.40 | | | 11.64 | | F 10.57 | | 12.84 |
| 28 | 17.19 | 17.27 | 16.86 | 11.97 | F 12.46 | | 10.41 | 11.39 | | | | 12.70 |
| 29 | 17.08 | ----- | 16.82 | 11.82 | 12.32 | | | 11.17 | | | | 12.57 |
| 30 | 16.97 | ----- | 16.77 | 11.69 | 12.09 | | | 11.07 | | | | 12.55 |
| 31 | 16.87 | ----- | 16.70 | ----- | 11.84 | ----- | | 10.91 | ----- | ----- | ----- | 12.41 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 15.58 | 16.52 | 16.85 | 14.42 | 11.63 | 11.42 | 11.49 | 12.79 | 10.88 | 10.57 | 10.58 | 11.95 |
| MAX | 17.42 | 17.27 | 17.32 | 16.60 | 12.60 | 11.62 | 12.40 | 15.05 | 10.98 | 10.57 | 10.58 | 12.95 |
| MIN | 15.80 | 16.06 | 16.42 | 11.69 | 10.83 | 11.27 | 10.41 | 10.61 | 10.78 | 10.57 | 10.57 | 10.40 |
| DAYS | 31 | 28 | 31 | 30 | 30 | 3 | 24 | 21 | 2 | 1 | 2 | 14 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 217

F=NOT AT STATED TIME

HIGHEST STAGE WAS 17.44 AT 10:00 P.M. ON JAN 24

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

UPPER GRAND RIVER AT LITTLE TENSAS BAYOU (LA.)

LOCATION: LAT. 30-14-23, LONG. 91-31-35. ON EAST BANK OF LITTLE TENSAS BAYOU, ABOUT 300 FEET SOUTH OF JUNCTION WITH UPPER GRAND RIVER. (STA. 4944012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1971 TO DATE.

EXTREMES. HIGHEST, 23.62 FEET ON MAY 23, 1973. LOWEST, (FROM INCOMPLETE RECORD) 1.10 ON OCT. 9, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|--------|-------|---------|-------|-------|------|------|-------|------|-------|-------|
| 1 | | 9.24 | 11.50 | | 12.00 | 5.60 | 5.50 | 4.38 | 4.07 | 3.47 | 3.24 | 5.73 |
| 2 | | 9.35 | 11.68 | | 11.95 | 5.80 | 5.67 | 4.17 | 4.04 | 4.10 | 3.14 | 5.78 |
| 3 | | 9.24 | 11.83 | | 11.95 | 6.00 | 5.60 | 4.08 | 3.75 | 3.94 | 3.22 | 5.85 |
| 4 | | 9.08 | 12.15 | | 11.80 | 6.03 | 5.45 | 4.08 | 3.83 | 3.47 | 3.14 | 5.77 |
| 5 | | 8.92 | 12.55 | | 11.45 | 6.15 | 5.45 | 4.22 | 4.06 | 3.79 | 3.47 | 5.52 |
| 6 | | 8.71 | 13.00 | | 11.17 | 6.50 | 5.47 | 4.22 | 4.06 | 3.70 | 2.85 | 5.46 |
| 7 | F 11.10 | 8.57 | 13.30 | | 10.86 | 7.00 | 5.55 | 4.12 | 3.99 | 3.33 | 3.44 | 5.78 |
| 8 | 11.00 | 8.45 | | | 10.55 | 7.40 | 5.70 | 4.08 | 3.00 | 3.35 | 3.77 | 5.90 |
| 9 | 10.70 | 8.52 | | F 12.23 | 10.23 | 7.58 | 5.53 | 4.01 | 3.97 | 3.68 | 3.95 | 6.14 |
| 10 | 10.27 | 8.70 | | 12.13 | 9.80 | 7.74 | 5.46 | 4.48 | 4.15 | 3.45 | 3.72 | 5.95 |
| 11 | 9.85 | 8.80 | | 12.03 | 9.46 | 7.95 | 5.45 | 4.34 | 4.31 | 3.60 | 2.05 | 5.97 |
| 12 | 9.50 | 8.87 F | 14.80 | 11.90 | 9.00 | 8.05 | 5.50 | 4.18 | 4.18 | 2.97 | 2.30 | 6.10 |
| 13 | 9.24 | 8.94 | 14.95 | 11.80 | 8.50 | 7.96 | 5.57 | 4.03 | 4.42 | 2.66 | 3.07 | 5.98 |
| 14 | 8.98 | 8.95 | 15.05 | 11.95 | 8.20 | 8.40 | 5.72 | 4.05 | 4.22 | 3.42 | 3.30 | 5.96 |
| 15 | 8.86 | 8.95 | 15.15 | 11.87 | 7.90 | 8.37 | 5.77 | 4.04 | 4.00 | 3.36 | 3.57 | 6.15 |
| 16 | 8.85 | 9.25 | 15.15 | 11.80 | 7.40 | 8.18 | 5.77 | 4.13 | 4.16 | 3.32 | 4.30 | 5.64 |
| 17 | 8.62 | 9.50 | 15.15 | 11.67 | 7.19 | 7.87 | 5.77 | 4.12 | 4.16 | 3.20 | 5.68 | 5.46 |
| 18 | 8.85 | 9.65 | 15.30 | 11.57 | 7.05 | 7.64 | 5.77 | 3.87 | 3.97 | 2.90 | 6.07 | 5.46 |
| 19 | 9.02 | 9.25 | 15.30 | 11.45 | 6.77 | 7.45 | 5.69 | 3.78 | 4.00 | 3.02 | 6.44 | 5.65 |
| 20 | 9.00 | 9.14 | 15.17 | 11.37 | 6.47 | 7.38 | 5.71 | 3.79 | 3.73 | 3.24 | 5.90 | 5.99 |
| 21 | 8.75 | 9.45 | 15.05 | 11.50 | 6.15 | 7.30 | 5.78 | 3.64 | 3.77 | 2.60 | 5.77 | 6.17 |
| 22 | 8.57 | 9.94 | 14.95 | 11.58 | 5.83 | 7.25 | 5.80 | 3.48 | 3.67 | 2.83 | 5.50 | 6.33 |
| 23 | | 10.07 | 14.88 | 11.60 | 5.53 | 6.94 | 5.97 | 3.45 | 3.19 | 3.35 | 5.31 | 6.20 |
| 24 | | 10.25 | 14.90 | 11.78 | 5.45 | 6.63 | 6.00 | 3.42 | 3.57 | 3.45 | 5.40 | 6.35 |
| 25 | | 10.25 | 14.75 | 11.93 | 5.44 | 6.47 | 5.99 | 3.58 | 3.85 | 3.44 | 5.34 | 6.75 |
| 26 | | 10.35 | 14.60 | 11.97 F | 5.36 | 6.15 | 5.93 | 3.71 | 3.77 | 3.67 | 5.60 | 7.11 |
| 27 | F 8.38 | 10.85 | 14.40 | 11.98 | | 5.85 | 5.88 | 3.66 | 4.06 | 3.37 | 5.90 | 7.40 |
| 28 | 8.68 | 11.30 | 14.25 | 11.96 | 5.47 | 5.78 | 5.54 | 3.65 | 4.10 | 2.75 | 5.97 | 8.15 |
| 29 | 8.90 | ----- | 14.10 | 12.03 | 5.55 | 5.71 | 5.40 | 3.61 | 3.90 | 3.24 | 5.83 | 8.90 |
| 30 | 9.14 | ----- | 13.97 | 12.03 | 5.69 | 5.63 | 5.06 | 3.75 | 3.55 | 3.46 | 5.84 | 9.95 |
| 31 | 9.27 | ----- | 13.87 | ----- | 5.65 | ----- | 4.80 | 3.93 | ----- | 3.30 | ----- | 11.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| MEAN | 9.31 | 9.38 | 14.14 | 11.82 | 8.19 | 6.96 | 5.62 | 3.94 | 3.92 | 3.34 | 4.44 | 6.48 |
| MAX | 11.10 | 11.30 | 15.30 | 12.23 | 12.00 | 8.40 | 6.00 | 4.48 | 4.42 | 4.10 | 6.44 | 11.20 |
| MIN | 8.38 | 8.45 | 11.50 | 11.37 | 5.36 | 5.60 | 4.80 | 3.42 | 3.00 | 2.60 | 2.05 | 5.46 |
| DAYS | 21 | 28 | 27 | 22 | 30 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 342

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 7.03.

HIGHEST STAGE WAS 15.37 AT 8:00 P.M. ON MAR 17.

LOWEST STAGE WAS 1.93 ON NOV 11.

DAILY STAGE FOR 1987

EABPL BORROW PIT (FWS) AT DIXIE BAYOU (LA.)

LOCATION. LAT. 30-27-28, LONG. 91-32-35. AT MILEPOST 29, 4.5 MILES NORTH OF RAMAH, LA. (STA. 4951012D.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY. 1945 TO 1946, 1949 TO 1950, 1955 TO 1957 AND 1959 TO DATE.

STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-----|
| 1 | | | | | | | 10.55 | | | | | |
| 2 | | | | | | | | | 11.22 | | | |
| 3 | | 11.42 | 12.15 | | | | | | | | | |
| 4 | | | | | | | | | | | 8.38 | |
| 5 | | | | | 9.75 | | | 9.80 | | | | |
| 6 | 11.92 | | | | | | | | | | | |
| 7 | | | | | | | | | | 9.80 | | |
| 8 | | | | 11.55 | | | 10.80 | | | | | |
| 9 | | | | | | | | | 10.88 | | | |
| 10 | | 11.40 | 12.00 | | | 10.70 | | | | | 8.22 | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | 9.70 | | | 11.25 | | | | |
| 13 | 11.47 | | | | | | | | | | | |
| 14 | | | | 11.00 | | | 10.42 | | | 9.30 | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | 10.70 | | | |
| 17 | | 12.10 | 12.50 | | | 11.60 | | | | | 8.45 | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | 9.45 | | | 11.00 | | | | |
| 20 | 12.00 | | | | | | | | | | | |
| 21 | | | | 10.50 | | | | | | 8.80 | | |
| 22 | | | | | | | | | 10.66 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | 11.97 | 12.90 | | | 11.00 | 10.40 | | | | | |
| 25 | | | | | | | | | | | 8.15 | |
| 26 | | | | | 9.95 | | | 10.75 | | | | |
| 27 | | | | | | | | | | | | |
| 28 | 11.56 | | | 10.15 | | | | | | 8.79 | | |
| 29 | | ----- | | | | | 10.00 | | 10.48 | | | |
| 30 | | ----- | | | | | | | | | | |
| 31 | | ----- | 12.40 | ----- | | ----- | | | ----- | | ----- | |

LOCATION. LAT. 30-24-05. LONG. 91-30-47. ABOVE OLD SOUTHERN PACIFIC RAILROAD EMBANKMENT.
(STA. 4932512D.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY 1955 TO 1957 AND 1959 TO DATE.

STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|------|
| 1 | | | | | | | 10.48 | | | | | 9.40 |
| 2 | | | | | | | | | 11.17 | | | |
| 3 | | 11.34 | 12.03 | | | | | | | | | |
| 4 | | | | | 9.60 | | | 9.70 | | | | |
| 5 | | | | | | | | | | | | |
| 6 | 11.85 | | | | | | | | | | | |
| 7 | | | | | | | | | | 9.78 | | |
| 8 | | | | 11.45 | | | 10.75 | | 10.78 | | | 9.50 |
| 9 | | | | | | 10.60 | | | | | 9.15 | |
| 10 | | 11.30 | 11.90 | | | | | | | | | |
| 11 | | | | | 9.60 | | | 11.15 | | | | |
| 12 | 11.38 | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | 10.90 | | | 10.39 | | | 9.30 | | 9.40 |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | 10.60 | | | |
| 17 | | 12.06 | 12.40 | | | 11.50 | | | | | 9.35 | |
| 18 | | | | | 9.38 | | | 10.90 | | | | |
| 19 | 11.98 | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | 10.40 | | | | | | 9.20 | | 9.80 |
| 22 | | | | | | | | | 10.48 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | 12.50 | 12.80 | | | 10.90 | 10.30 | | | | | |
| 25 | | | | | | | | | | | 9.25 | |
| 26 | | | | | 9.88 | | | 10.65 | | | | |
| 27 | | | | | | | | | | | | |
| 28 | 11.50 | | | 10.05 | | | | | | 9.25 | | |
| 29 | | ----- | | | | | 9.90 | | 10.38 | | | |
| 30 | | ----- | | | | | | | | | | 9.78 |
| 31 | | ----- | 12.30 | ----- | | ----- | | | ----- | | ----- | |

DAILY STAGE FOR 1987

EABPL BORROW PIT (FWS) AT RAMAH, LA. (BELOW RAILROAD FILL)

LOCATION. LAT. 30-24-03. LONG. 91-30-41 BELOW OLD SOUTHERN PACIFIC RAILROAD EMBANKMENT. (STA. 4954012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. DAILY, FEB. TO JULY, 1935. JAN. TO MAY, 1936, AND FEB. 1971 TO DATE
INTERMITTENTLY, 1945 TO 1946, 1949 TO 1950, 1955 TO 1957, AND 1959 TO 1970.

EXTREMES. (FROM 1971 TO DATE) HIGHEST, 19.68 FEET ON APR. 21, 1975. LOWEST, 0.90 FOOT ON JAN. 19, 1981

STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|---------|------|-------|------|------|-------|------|-------|------|
| 1 | 11.63 | | 10.19 | 12.15 | 9.74 | 4.07 | 4.14 | 2.97 | 2.11 | 1.83 | 1.65 | 3.99 |
| 2 | 11.43 | | 10.36 | 12.04 | 9.74 | 4.13 | 4.34 | 2.76 | 2.12 | 1.87 | 1.61 | 3.98 |
| 3 | 11.24 F | 9.19 | 10.52 | 11.92 | 9.76 | 4.22 | 4.33 | 2.50 | 2.02 | 2.14 | 1.68 | 4.08 |
| 4 | 11.15 | 9.06 | 10.64 | 11.74 | 9.76 | 4.22 | 4.15 | 2.44 | 1.91 | 1.98 | 1.73 | 4.05 |
| 5 | 10.95 | 8.89 | 10.82 | 11.59 | 9.76 | 4.31 | 3.97 | 2.51 | 1.95 | 1.95 | 1.72 | 3.90 |
| 6 | 10.77 | 8.69 | 11.02 | 11.44 | | 4.43 | 3.84 | 2.61 | 2.15 | 2.11 | 1.73 | 3.84 |
| 7 | 10.59 | 8.50 | 11.22 | 11.29 | | 4.78 | 3.92 | 2.67 | 2.27 | 2.00 | 1.65 | 3.98 |
| 8 | 10.42 | 8.26 | 11.42 | 11.12 | | 5.08 | 3.96 | 2.56 | 2.23 | 1.90 | 1.76 | 4.11 |
| 9 | 10.25 | 7.94 | 11.62 | 11.02 | | 5.30 | | 2.64 | 2.23 | 1.89 | 2.02 | 4.32 |
| 10 | 10.06 | 7.76 | 11.74 | 10.89 | | 5.38 | | 3.07 | 2.28 | 1.94 | 2.23 | 4.22 |
| 11 | 9.84 | 7.63 | 11.83 | 10.78 | | 5.62 | | 3.23 | 2.36 | 1.85 | 1.87 | 4.24 |
| 12 | 9.55 | 7.52 | 11.94 | 10.64 F | 7.72 | 5.76 | | 3.16 | 2.37 | 1.78 | 1.59 | 4.27 |
| 13 | 9.24 | 7.42 | 12.04 | 10.52 | 7.36 | 5.81 | | | 2.33 | 1.60 | 1.45 | 4.23 |
| 14 | 8.94 | 7.34 | 12.14 | 10.47 | 6.92 | 6.32 | 3.99 | | 2.32 | 1.50 | 1.40 | 4.24 |
| 15 | 8.55 | 7.29 | 12.24 | 10.37 | 6.54 | 6.46 | 4.01 | | 2.20 | 1.56 | 1.56 | 4.35 |
| 16 | 8.29 | 8.24 | 12.34 | 10.26 | 6.06 | 6.36 | 3.95 | | 2.11 | 1.60 | 2.06 | 4.01 |
| 17 | 8.21 | 8.19 | 12.42 | 10.14 | 5.82 | 6.23 | 3.92 | | 2.25 | 1.61 | 3.40 | 3.84 |
| 18 | 8.39 | 8.17 | 12.54 | 10.04 | 5.63 | 6.14 | 3.95 | | 2.24 | 1.55 | 3.83 | 3.79 |
| 19 | 8.34 | 8.06 | 12.64 | 9.91 | 5.32 | 5.95 | 3.81 | | 2.29 | 1.47 | 4.07 | 3.90 |
| 20 | 8.24 | 7.92 | 12.68 | 9.77 | 5.07 | 5.77 | 3.74 | 1.95 | 2.21 | 1.52 | 4.17 | 4.14 |
| 21 | | 7.84 | 12.69 | 9.68 | 4.75 | 5.66 | 3.85 | 1.88 | 2.03 | 1.57 | 4.27 | 4.25 |
| 22 | | 8.22 | 12.64 | 9.67 | 4.44 | 5.63 | 3.96 | 1.80 | 2.07 | 1.46 | 4.39 | 4.39 |
| 23 | | 8.35 | 12.64 | 9.64 | 4.19 | 5.37 | 4.11 | 1.70 | 1.92 | 1.49 | 4.59 | 4.37 |
| 24 | | 8.54 | 12.74 | 9.55 | 4.02 | 5.12 | 4.17 | 1.73 | 1.87 | 1.67 | 4.57 | 4.45 |
| 25 | | 8.86 | 12.69 | 9.55 | 3.94 | 4.94 | 4.16 | 1.81 | 2.01 | 1.84 | 4.66 | 4.66 |
| 26 | | 9.24 | 12.65 | 9.57 | 3.88 | 4.72 | 4.19 | 2.02 | 2.14 | 1.88 | 4.53 | 4.90 |
| 27 | | 9.54 | 12.59 | 9.62 | 3.83 | 4.43 | 4.11 | 2.07 | 2.20 | 2.01 | 4.28 | 5.10 |
| 28 | F 9.14 | 9.94 | 12.52 | 9.66 | 3.91 | 4.26 | 3.95 | 1.99 | 2.26 | 1.75 | 4.17 | 5.49 |
| 29 | | ----- | 12.44 | 9.68 | 4.02 | 4.18 | 3.79 | 1.97 | 2.25 | 1.59 | 4.09 | 6.05 |
| 30 | | ----- | 12.36 | 9.73 | 4.12 | 4.19 | 3.51 | 2.01 | 2.10 | 1.61 | 4.06 | 6.61 |
| 31 | | ----- | 12.25 | ----- | 4.12 | ----- | 3.31 | 2.12 | ----- | 1.67 | ----- | 7.08 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|------|------|------|------|------|------|------|------|
| MEAN | 9.77 | 8.33 | 11.95 | 10.48 | 6.02 | 5.16 | 3.97 | 2.34 | 2.16 | 1.75 | 2.89 | 4.48 |
| MAX | 11.63 | 9.94 | 12.74 | 12.15 | 9.76 | 6.46 | 4.34 | 3.23 | 2.37 | 2.14 | 4.66 | 7.08 |
| MIN | 8.21 | 7.29 | 10.19 | 9.55 | 3.83 | 4.07 | 3.31 | 1.70 | 1.87 | 1.46 | 1.40 | 3.79 |
| DAYS | 21 | 26 | 31 | 30 | 25 | 30 | 26 | 24 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 335

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 5.72.

HIGHEST STAGE WAS 12.74 AT 4.00 P.M. ON MAR 23.

LOWEST STAGE WAS 1.40 ON OCT 19 AND LATER DATE(S).

DAILY STAGE FOR 1987

UPPER GRAND RIVER (FWS) AT DIKE (LA.)

LOCATION. LAT. 30-13-33, LONG. 91-25-24. ABOUT 0.6 MILE BELOW JUNCTION WITH BAYOU MARINGOUIN
(EABPL BORROW PIT). (STA. 4957009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE MOVED FROM HIGH WATER STAND IN E. A. B. P. L. BORROW PIT TO LOW WATER STAND
IN UPPER GRAND RIVER ON AUG. 8, 1974.

RECORDS AVAILABLE. INTERMITTENTLY, 1933 TO 1946, 1949 TO 1950, AND 1963 TO 1965. DAILY, JUNE
28, 1954 TO APR. 6, 1963, AND DEC. 16, 1965, TO DATE. GAGE WAS KNOWN AS GRAND RIVER CROSSING
R. S. IN 1933.

EXTREMES. HIGHEST, 19.5 FEET FROM MAR. 4 TO 9, 1950. LOWEST, (FROM INCOMPLETE RECORD) 0.50 FOOT ON
JAN. 12, 1981.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 1 | 10.19 | 6.99 | 8.63 | 10.93 | 9.19 | | F 3.96 | | | | | 4.25 |
| 2 | 9.89 | 7.06 | 8.81 | 10.81 | 9.16 | | | F 2.61 | | | | 4.20 |
| 3 | 9.61 | 7.03 | 8.91 | 10.69 | 9.19 F | 4.16 | | | | | | 4.29 |
| 4 | 9.51 | 6.99 | 9.13 | 10.51 | 9.13 | 4.13 | | | | F 1.88 | | 4.28 |
| 5 | 9.31 | 6.91 | 9.35 | 10.37 | 9.11 | 4.21 | F 2.76 | | | | | 4.12 |
| 6 | 9.21 | 6.76 | 9.61 | 10.23 | 9.01 | 4.36 | | | | | | 4.08 |
| 7 | 9.11 | 6.63 | 9.93 | 10.13 | 8.79 | 4.66 | | | F 2.08 | | | 4.22 |
| 8 | 8.96 | 6.51 | 10.23 | 9.97 | 8.47 | 4.99 F | 4.10 | | | | | 4.36 |
| 9 | 8.76 | 6.49 | 10.51 | 9.85 | 8.23 | 5.19 | | | 2.51 | | | 4.53 |
| 10 | 8.51 | 6.51 | 10.66 | 9.76 | 8.03 | 5.29 | | | | F 2.40 | | 4.42 |
| 11 | 8.21 | 6.49 | 10.83 | 9.63 | 7.61 | 5.51 | | | | | | 4.41 |
| 12 | 7.93 | 6.51 | 10.99 | 9.53 | 7.26 | 5.61 | F 2.91 | | | | | 4.49 |
| 13 | 7.65 | 6.51 | 11.11 | 9.43 | 6.91 | 5.64 | | | | | | 4.45 |
| 14 | 7.41 | 6.53 | 11.23 | 9.46 | 6.59 | 6.03 F | 3.91 | | | 2.01 | | 4.42 |
| 15 | 7.21 | 6.51 | 11.36 | 9.41 | 6.26 | 6.13 | | | | | | 4.60 |
| 16 | 7.11 | 6.83 | 11.45 | 9.33 | 5.86 | 5.98 | | F 2.71 | | | F 3.83 | 4.30 |
| 17 | 6.91 | 6.99 | 11.55 | 9.26 | 5.61 | 5.86 | | | | | 3.90 | 4.12 |
| 18 | 7.01 | 7.06 | 11.71 | 9.19 | 5.46 | 5.76 | | | | | | 4.08 |
| 19 | 7.01 | 7.01 | 11.76 | 9.09 | 5.21 | 5.61 | F 2.51 | | | | | 4.18 |
| 20 | 7.01 | 6.93 | 11.76 | 8.99 | 4.91 | 5.49 | | | | | | 4.39 |
| 21 | 6.90 | 6.99 | 11.73 | 9.01 | 4.61 | 5.36 F | 3.79 | | | F 1.26 | | 4.52 |
| 22 | 6.90 | 7.23 | 11.71 | 8.96 | 4.33 | 5.31 | | F 2.31 | | | | 4.70 |
| 23 | 6.72 | 7.39 | 11.69 | 8.96 | | 5.13 | | | | | | 4.63 |
| 24 | 6.61 | 7.56 | 11.71 | 8.99 | | 4.91 | | | | | | 4.72 |
| 25 | 6.65 | 7.69 | 11.63 | 9.03 | | 4.79 | | | | F 4.85 | | 4.95 |
| 26 | 6.51 | 7.81 | 11.59 | 9.09 F | 3.81 | 4.58 | F 2.41 | | | | 4.79 | 5.22 |
| 27 | 6.59 | 8.09 | 11.49 | 9.13 | | 4.31 | | | | | 4.55 | 5.47 |
| 28 | 6.63 | 8.40 | 11.39 | 9.19 | F 4.23 | | | | | F 1.56 | | 5.89 |
| 29 | 6.71 | ----- | 11.29 | 9.13 | | 3.00 F | 3.71 | | F 2.56 | | 4.33 | 6.40 |
| 30 | 6.83 | ----- F | 11.21 | 9.19 | | | | | | | 4.30 | 7.05 |
| 31 | 6.91 | ----- F | 11.06 | ----- | | ----- | | | ----- | | ----- | 7.71 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|------|------|------|------|------|------|------|------|
| MEAN | 7.76 | 7.01 | 10.84 | 9.57 | 7.08 | 5.05 | 3.89 | 2.65 | 2.54 | 1.73 | 3.93 | 4.76 |
| MAX | 10.19 | 8.40 | 11.76 | 10.93 | 9.19 | 6.13 | 4.10 | 2.91 | 2.71 | 2.08 | 4.85 | 7.71 |
| MIN | 6.51 | 6.49 | 8.63 | 8.96 | 3.81 | 3.00 | 3.71 | 2.41 | 2.31 | 1.26 | 1.88 | 4.08 |
| DAYS | 31 | 28 | 31 | 30 | 23 | 27 | 5 | 4 | 5 | 4 | 10 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 229

F=NOT AT STATED TIME

HIGHEST STAGE WAS 11.76 AT 8:00 A.M. ON MAR 19 AND LATER DATE(S).

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

EABPL BORROW PIT (FWS) AT BAYOU SORREL LOCK (LA.)

LOCATION: LAT. 30-07-48, LONG. 91-19-21. IN RECESS AT SOUTHWEST CORNER OF SOUTH GATE BAY SECTION (IHW, MORGAN CITY-PORT ALLEN ROUTE), LEVEE STATION 129+62. (STA. 4963009.)

GAGE STAFF TYPE.

RECORDS AVAILABLE: INTERMITTENTLY, 1949. DAILY, JAN. 1, 1950, TO DATE. SUBTRACT 0.3 FROM STAGES PRIOR TO 1955.

EXTREMES: HIGHEST, 18.10 FEET ON MAY 23 AND LATER DATES IN 1973. LOWEST, 0.00 FOOT ON JAN. 14 AND 15, 1964 AND OCT. 18, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 7.1 | 4.7 | 5.9 | 7.6 | 6.2 | 3.1 | 3.3 | 2.4 | 2.0 | 1.5 | 1.5 | 2.9 |
| 2 | 7.1 | 4.7 | 5.8 | 7.4 | 6.2 | 3.1 | 3.3 | 2.1 | 2.0 | 2.0 | 1.8 | 3.0 |
| 3 | 6.8 | 4.7 | 5.8 | 7.4 | 6.1 | 3.0 | 3.3 | 1.9 | 1.9 | 1.9 | 1.8 | 3.0 |
| 4 | 6.7 | 4.7 | 5.9 | 7.3 | 6.1 | 3.0 | 3.1 | 2.2 | 1.8 | 1.9 | 1.7 | 2.9 |
| 5 | 6.6 | 4.7 | 6.0 | 7.0 | 6.2 | 2.9 | 3.0 | 2.0 | 2.0 | 1.6 | 2.0 | 2.9 |
| 6 | 6.6 | 4.7 | 6.0 | 6.9 | 6.2 | 2.9 | 3.0 | 2.0 | 2.0 | 1.8 | 1.6 | 2.8 |
| 7 | 6.4 | 4.5 | 6.3 | 6.8 | 6.2 | 2.9 | 2.8 | 2.0 | 2.0 | 1.6 | 1.9 | 2.8 |
| 8 | 6.3 | 4.5 | 6.5 | 6.8 | 6.1 | 2.9 | 2.8 | 2.0 | 2.0 | 1.7 | 2.2 | 2.7 |
| 9 | 6.0 | 4.3 | 6.5 | 6.6 | 5.9 | 3.2 | 2.9 | 2.2 | 2.0 | 1.9 | 2.4 | 2.7 |
| 10 | 5.9 | 4.3 | 6.7 | 6.6 | 5.6 | 3.2 | 2.9 | 2.3 | 2.0 | 1.8 | 2.4 | 3.3 |
| 11 | 5.8 | 4.3 | 6.9 | 6.5 | 5.4 | 3.7 | 2.9 | 2.6 | 2.0 | 1.5 | 1.1 | 3.3 |
| 12 | 5.6 | 4.4 | 6.9 | 6.5 | 5.2 | 3.9 | 2.9 | 2.6 | 2.0 | 1.5 | 1.1 | 3.3 |
| 13 | 5.5 | 4.4 | 7.1 | 6.4 | 5.2 | 4.0 | 2.9 | 2.7 | 1.9 | 1.2 | 1.6 | 3.3 |
| 14 | 5.3 | 4.3 | 7.3 | 6.4 | 4.8 | 4.5 | 2.9 | 2.6 | 1.9 | 1.2 | 1.7 | 3.4 |
| 15 | 5.2 | 4.6 | 7.5 | 6.4 | 4.7 | 4.6 | 2.9 | 2.4 | 1.9 | 1.3 | 1.7 | 3.4 |
| 16 | 4.9 | 4.7 | 7.7 | 6.4 | 4.6 | 4.6 | 2.8 | 2.2 | 1.9 | 1.3 | 2.5 | 3.3 |
| 17 | 4.9 | 4.7 | 7.8 | 6.4 | 4.4 | 4.5 | 2.8 | 2.2 | 2.2 | 1.4 | 3.0 | 3.0 |
| 18 | 5.0 | 4.7 | 7.9 | 6.3 | 4.3 | 4.5 | 2.7 | 2.0 | 2.2 | 1.3 | 3.0 | 3.0 |
| 19 | 5.0 | 4.6 | 8.0 | 6.1 | 4.0 | 4.4 | 2.6 | 1.9 | 2.3 | 1.3 | 3.0 | 3.0 |
| 20 | 5.1 | 4.6 | 8.0 | 6.1 | 3.8 | 4.4 | 2.6 | 1.8 | 1.9 | 1.3 | 3.0 | 2.9 |
| 21 | 5.1 | 4.7 | 8.0 | 6.0 | 3.6 | 4.2 | 2.6 | 1.8 | 1.9 | 1.3 | 3.0 | 3.2 |
| 22 | 5.3 | 4.7 | 8.0 | 6.0 | 3.4 | 4.2 | 2.8 | 1.8 | 1.9 | 1.4 | 3.2 | 3.4 |
| 23 | 4.9 | 4.9 | 7.9 | 5.9 | 3.3 | 4.1 | 2.9 | 1.3 | 1.9 | 1.7 | 3.3 | 3.4 |
| 24 | 4.9 | 5.0 | 8.0 | 5.9 | 3.3 | 3.9 | 3.1 | 1.2 | 1.9 | 1.7 | 3.3 | 3.5 |
| 25 | 4.9 | 5.1 | 8.0 | 5.9 | 3.0 | 3.7 | 3.1 | 1.2 | 1.9 | 2.1 | 3.5 | 3.3 |
| 26 | 4.5 | 5.3 | 7.9 | 5.9 | 3.0 | 3.7 | 3.1 | 1.9 | 1.9 | 2.2 | 3.5 | 3.3 |
| 27 | 4.7 | 5.3 | 7.9 | 5.9 | 2.9 | 3.7 | 3.0 | 1.8 | 2.0 | 2.1 | 3.5 | 3.5 |
| 28 | 4.7 | 5.6 | 7.8 | 6.2 | 3.0 | 3.5 | 3.0 | 1.8 | 2.0 | 1.3 | 3.3 | 3.9 |
| 29 | 4.7 | ----- | 7.8 | 6.2 | 3.0 | 3.4 | 2.9 | 1.8 | 1.9 | 1.8 | 3.1 | 4.0 |
| 30 | 4.7 | ----- | 7.7 | 6.2 | 3.1 | 3.3 | 2.8 | 1.8 | 1.9 | 2.0 | 3.0 | 4.1 |
| 31 | 4.7 | ----- | 7.6 | ----- | 3.2 | ----- | 2.4 | 1.8 | ----- | 1.8 | ----- | 4.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 5.5 | 4.7 | 7.2 | 6.5 | 4.6 | 3.7 | 2.9 | 2.0 | 2.0 | 1.6 | 2.5 | 3.3 |
| MAX | 7.1 | 5.6 | 8.0 | 7.6 | 6.2 | 4.6 | 3.3 | 2.7 | 2.3 | 2.2 | 3.5 | 4.5 |
| MIN | 4.5 | 4.3 | 5.8 | 5.9 | 2.9 | 2.9 | 2.4 | 1.2 | 1.8 | 1.2 | 1.1 | 2.7 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 3.9.

HIGHEST STAGE WAS 8.0 ON MAR 19 AND LATER DATE(S).

LOWEST STAGE WAS 1.1 ON NOV 11 AND LATER DATE(S).

DAILY STAGE FOR 1987

BIG BAYOU PIGEON (FWS) NEAR PIGEON, LA.

LOCATION LAT. 30-04-36 LONG. 91-18-33. AT JUNCTION WITH GIWW (MORGAN CITY-PORT ALLEN ROUTE),
ABOUT 700 FEET WEST OF LEVEE STATION (EABPL) 775+00. (STA. 4963509.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE INTERMITTENTLY, 1936 TO 1939, 1949 AND 1950 DAILY, JAN. 1971 TO DATE. PRIOR
TO 1971 GAGE WAS KNOWN AS LITTLE BAYOU PIGEON.

EXTREMES. HIGHEST, 18.20 FEET ON MAY 25, 1973. LOWEST, 0.37 FOOT ON OCT. 18, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|--------|--------|------|-----|-----|-----|-----|--------|------|
| 1 | 7.03 | 4.61 | 5.64 | 7.28 | 5.86 | | | | | | | 3.13 |
| 2 | 6.86 | 4.67 | 5.75 | 7.12 | 5.86 | | | | | | | 3.07 |
| 3 | 6.72 | 4.55 | 5.74 | 7.05 | 5.90 | | | | | | | 3.13 |
| 4 | 6.66 | 4.55 | 5.80 | 6.92 | 5.92 | | | | | | | 3.15 |
| 5 | 6.52 | 4.62 | 5.88 | 6.80 | 5.95 | | | | | | | 3.05 |
| 6 | 6.38 | 4.55 | 5.94 | 6.72 | 5.90 | | | | | | | 3.08 |
| 7 | 6.28 | 4.50 | 6.07 | 6.60 | 5.82 | | | | | | | 3.28 |
| 8 | 6.15 | 4.40 | 6.17 | 6.53 | 5.70 | | | | | | | 3.25 |
| 9 | 6.05 | 4.30 | 6.48 | 6.45 | 5.60 | | | | | | | 3.35 |
| 10 | 5.95 | 4.30 | 6.63 | 6.37 | 5.52 | | | | | | | 3.34 |
| 11 | 5.80 | 4.37 | 6.75 | 6.28 | 5.36 | | | | | | | 3.28 |
| 12 | 5.63 | 4.35 | 6.88 | 6.23 | 5.20 F | 4.09 | | | | | | 3.32 |
| 13 | 5.46 | 4.37 | 6.98 | 6.13 | 5.00 | 4.06 | | | | | | 3.25 |
| 14 | 5.35 | 4.36 | 7.12 | 6.23 | 4.85 | 4.60 | | | | | | 3.32 |
| 15 | 5.24 | 4.33 | 7.25 | 6.18 | 4.69 | 4.62 | | | | | | 3.45 |
| 16 | 5.15 | 4.57 | 7.34 | 6.14 | 4.50 | 4.56 | | | | F | 3.05 | 3.25 |
| 17 | 5.09 | 4.60 | 7.48 | 6.08 | 4.32 | 4.56 | | | | | 3.07 | 3.09 |
| 18 | 5.13 | 4.60 | 7.67 | 6.02 | 4.16 | 4.56 | | | | | 3.06 | 3.07 |
| 19 | 5.10 | 4.53 | 7.77 | 5.95 F | 4.07 | 4.55 | | | | | 3.10 F | 3.03 |
| 20 | 5.03 | 4.57 | 7.79 | 5.88 | | 4.45 | | | | | 3.18 | 3.15 |
| 21 | 4.97 | 4.61 | 7.80 | 5.85 | | 4.31 | | | | | 3.14 | 3.20 |
| 22 | 4.99 | 4.70 | 7.80 | 5.83 | | 4.25 | | | | | 3.22 | 3.36 |
| 23 | 5.05 | 4.83 | 7.75 | 5.80 | | 4.19 | | | | | 3.37 | 3.34 |
| 24 | 4.94 | 4.85 | 7.80 | 5.78 | | | | | | | 3.40 | 3.37 |
| 25 | 4.92 | 4.98 | 7.78 | 5.77 | | | | | | | 3.51 | 3.45 |
| 26 | 4.75 | 5.09 | 7.74 | 5.78 | F | 3.75 | | | | | 3.50 | 3.57 |
| 27 | 4.75 | 5.35 | 7.70 | 5.82 | | | | | | | 3.42 | 3.66 |
| 28 | 4.65 | 5.55 | 7.64 | 5.84 | | | | | | | 3.34 | 3.78 |
| 29 | 4.65 | ----- | 7.56 | 5.83 | | | | | | | 3.20 | 3.95 |
| 30 | 4.65 | ----- | 7.53 | 5.83 | | | | | | | 3.20 | 4.18 |
| 31 | 4.61 | ----- | 7.40 | ----- | | | | | | | ----- | 4.57 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|---|---|---|---|------|------|
| MEAN | 5.50 | 4.63 | 7.02 | 6.24 | 5.27 | 4.35 | | | | | 3.25 | 3.37 |
| MAX | 7.03 | 5.55 | 7.80 | 7.28 | 5.95 | 4.62 | | | | | 3.51 | 4.57 |
| MIN | 4.61 | 4.30 | 5.64 | 5.77 | 4.07 | 3.75 | | | | | 3.05 | 3.03 |
| DAYS | 31 | 28 | 31 | 30 | 19 | 13 | 0 | 0 | 0 | 0 | 15 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 198

F=NOT AT STATED TIME

HIGHEST STAGE WAS 7.84 AT 11:00 P.M. ON MAR 20.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

OLD RIVER (FWS) AT JUNCTION WITH GIWW (MORGAN CITY-PORT ALLEN ROUTE) (LA.)

LOCATION. LAT. 29-56-47, LONG. 91-15-35. ABOUT 1250 FEET WEST OF LEVEE STATION (EABPL) 1375+00
(STA. 4964510.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1938 TO 1946 AND 1949. DAILY, NOV. 1934 TO AUG. 1937 AND
JAN. 1971 TO DATE. PRIOR TO 1939 GAGE WAS KNOWN AS OLD RIVER (FWS) SOUTHWEST OF PIERRE PASS.EXTREMES. (FROM 1971 TO DATE) HIGHEST, 16.84 FEET ON MAY 24, 1973. LOWEST, 0.38 FOOT ON OCT. 17,
1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|--------|------|-------|------|--------|--------|------|-------|------|
| 1 | 6.34 | 3.84 | 4.85 | 6.60 | 5.06 | 2.80 | 2.97 | 2.08 | 2.32 F | 1.86 | 1.79 | 2.72 |
| 2 | 6.20 | 3.90 | 4.84 | 6.53 | 5.10 | 2.4 | 3.10 | 1.99 | 2.36 F | 2.34 | 1.70 | 2.62 |
| 3 | 6.03 | 3.87 | 4.85 | 6.43 | 5.16 | 2.73 | 3.06 | 2.08 | 2.21 F | 2.03 | 1.80 | 2.68 |
| 4 | 5.98 | 3.85 | 4.88 | 6.26 | 5.22 | 2.65 | 2.89 | 2.28 | 2.23 F | 1.36 | 1.79 | 2.73 |
| 5 | 5.77 | 3.84 | 4.92 | 6.15 | 5.28 | 2.59 | 2.81 | 2.40 | 2.36 F | 1.94 | 2.01 | 2.61 |
| 6 | 5.64 | 3.82 | 5.02 | 6.04 | 5.22 | 2.64 | 2.79 | 2.42 | 2.40 F | 1.90 | 1.54 | 2.74 |
| 7 | 5.51 | 3.80 | 5.15 | 5.94 | 5.15 | 2.79 | 2.92 | 2.41 | 2.28 F | 1.75 | 2.04 | 2.99 |
| 8 | 5.40 | 3.70 | 5.37 | 5.84 | 5.05 | 2.98 | 3.06 | 2.35 | 2.18 F | 1.65 | 2.32 | 2.91 |
| 9 | 5.29 | 3.63 | 5.57 | 5.74 | 4.97 | 3.18 | 2.95 | 2.28 | 1.97 F | 1.98 | 2.48 | 2.95 |
| 10 | 5.22 | 3.62 | 5.76 | 5.65 | 4.94 | 3.26 | 2.90 | 2.64 | 2.06 F | 1.78 | 2.35 | 2.92 |
| 11 | 5.07 | 3.60 | 5.89 | 5.57 | 4.80 | 3.35 | 2.80 | 2.64 | 2.25 | 1.94 | 0.93 | 2.86 |
| 12 | 4.90 | 3.60 | 6.04 | 5.50 | | 3.62 | 2.76 | 2.50 | 2.10 F | 1.38 | 1.05 | 2.87 |
| 13 | 4.75 | 3.59 | 6.19 | 5.45 | | 3.67 | 2.71 | 2.22 | 2.45 | | 1.45 | 2.84 |
| 14 | 4.65 | 3.60 | 6.34 | 5.60 F | 4.40 | 4.20 | 2.63 | 2.14 | 2.26 | | 1.69 | 2.89 |
| 15 | 4.57 | 3.62 | 6.50 | 5.54 | 4.26 | 4.16 | 2.48 | 2.07 | 2.24 | | 1.93 | 3.10 |
| 16 | 4.55 | 3.84 | 6.65 | 5.46 | 4.08 | 4.12 | 2.40 | 2.18 | 2.49 | | 2.42 | 2.83 |
| 17 | 4.45 | 3.83 | 6.77 | 5.37 | 3.93 | 4.05 | 2.42 | 2.27 | 2.51 | | 2.82 | 2.61 |
| 18 | 4.48 | 3.80 | 7.10 | 5.33 | 3.77 | 4.18 | 2.55 | 2.17 | 2.42 | | 2.65 | 2.62 |
| 19 | 4.44 | 3.74 | 7.17 | 5.26 | 3.64 | 4.15 | 2.56 | 2.14 | 2.45 | | 2.70 | 2.63 |
| 20 | 4.30 | 3.72 | 7.24 | 5.19 | 3.53 | 4.00 | 2.76 | 2.12 | 2.03 | | 2.67 | 2.84 |
| 21 | 4.25 | 3.77 | 7.24 | 5.14 | 3.38 | 3.89 | 2.80 | 2.01 | 2.10 | | 2.64 | 2.87 |
| 22 | 4.29 | 3.90 | 7.21 | 5.10 | 3.21 | 3.82 | 2.82 | 1.73 | 2.04 | | 2.76 | 3.02 |
| 23 | 4.15 | 3.95 | 7.20 | 5.05 | 3.08 | 3.73 | 2.88 | 1.98 | 1.53 | | 2.90 | 3.00 |
| 24 | 4.07 | 4.00 | 7.30 | 5.01 | 3.04 | 3.61 | 2.86 | 1.85 | 1.88 | | 2.94 | 3.03 |
| 25 | 4.11 | 4.09 | 7.25 | 4.98 | 2.95 | 3.53 | 2.77 | 1.89 | 2.03 | | 3.08 | 3.07 |
| 26 | 4.00 | 4.18 | 7.18 | 4.98 | 2.95 | 3.37 | 2.74 | 2.00 | 2.08 | | 3.10 | 3.11 |
| 27 | 3.90 | 4.60 | 7.14 | 5.00 | 2.90 | 3.15 | 2.73 | 1.95 | 2.34 | | 3.04 | 3.15 |
| 28 | 3.87 | 4.73 | 7.05 | 5.00 | 2.91 | 2.98 | 2.65 | 1.88 | 2.50 | | 2.98 | 3.16 |
| 29 | 3.85 | ----- | 6.96 | 5.02 | 2.97 | 2.92 | 2.62 | 1.72 | 2.30 | | 2.80 | 3.17 |
| 30 | 3.85 | ----- | 6.93 | 5.04 | 2.95 | 3.01 | 2.39 | 1.88 F | 1.76 | 1.95 | 2.80 | 3.27 |
| 31 | 3.84 | ----- | 6.75 | ----- | 2.90 | ----- | 2.22 | 2.12 | ----- | 1.94 | ----- | 3.52 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.77 | 3.86 | 6.30 | 5.53 | 4.03 | 3.40 | 2.74 | 2.13 | 2.20 | 1.84 | 2.31 | 2.91 |
| MAX | 6.34 | 4.73 | 7.30 | 6.60 | 5.28 | 4.20 | 3.10 | 2.64 | 2.51 | 2.34 | 3.10 | 3.52 |
| MIN | 3.84 | 3.59 | 4.84 | 4.98 | 2.90 | 2.59 | 2.22 | 1.98 | 1.53 | 1.36 | 0.93 | 2.61 |
| DAYS | 31 | 28 | 31 | 30 | 29 | 30 | 31 | 31 | 30 | 14 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 346

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 3.58.

HIGHEST STAGE WAS 7.30 AT 8:00 A.M. ON MAR 24.

LOWEST STAGE WAS 0.70 ON NOV 11.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY NEAR PIERRE PASS, LA.

LOCATION. LAT. 29-34-23, LONG. 91-13-04. ATTACHED TO PILE (MORGAN CITY-PORT ALLEN ROUTE) AT
LEVEE STATION 1546&00, 4.2 MILES SOUTH OF PIERRE PASS. (STA. 4969010.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1945 TO 1946, 1949 TO 1950, 1961. DAILY, JULY 1, 1962, TO
DATE. PRIOR TO 1961, GAGE WAS KNOWN AS BELLE RIVER, FWS.

EXTREMES. HIGHEST, 16.00 FEET ON MAY 22 AND LATER DATES IN 1973. LOWEST, MINUS 0.9 FOOT ON JAN.
14, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 5.6 | 3.1 | 4.0 | 5.7 | 4.4 | 2.3 | 2.7 | 1.8 | 1.7 | 0.8 | 1.5 | 2.4 |
| 2 | 5.4 | 3.0 | 4.1 | 5.7 | 4.4 | 2.3 | 2.7 | 1.8 | 1.8 | 0.8 | 1.5 | 2.4 |
| 3 | 5.3 | 2.9 | 4.2 | 5.6 | 4.5 | 2.3 | 2.6 | 1.8 | 1.9 | 0.8 | 1.5 | 2.3 |
| 4 | 5.1 | 2.9 | 4.3 | 5.5 | 4.4 | 2.2 | 2.5 | 1.8 | 2.0 | 0.8 | 1.5 | 2.3 |
| 5 | 5.0 | 2.9 | 4.5 | 5.4 | 4.3 | 2.2 | 2.4 | 2.0 | 2.0 | 0.8 | 1.6 | 2.4 |
| 6 | 4.9 | 2.8 | 4.7 | 5.3 | 4.2 | 2.2 | 2.3 | 2.1 | 1.9 | 0.7 | 1.6 | 2.5 |
| 7 | 4.8 | 2.7 | 4.9 | 5.2 | 4.1 | 2.3 | 2.3 | 2.1 | 1.8 | 0.7 | 1.6 | 2.6 |
| 8 | 4.7 | 2.7 | 5.0 | 5.1 | 4.0 | 2.4 | 2.3 | 2.1 | 1.7 | 0.6 | 1.6 | 2.6 |
| 9 | 4.5 | 2.7 | 5.1 | 5.0 | 3.9 | 2.6 | 2.3 | 2.0 | 1.7 | 0.6 | 1.6 | 2.7 |
| 10 | 4.4 | 2.7 | 5.2 | 4.9 | 3.8 | 2.8 | 2.2 | 2.0 | 1.6 | 0.6 | 1.4 | 2.7 |
| 11 | 4.3 | 2.7 | 5.3 | 4.8 | 3.7 | 2.9 | 2.2 | 1.9 | 1.6 | 0.8 | 0.2 | 2.7 |
| 12 | 4.2 | 2.7 | 5.4 | 4.7 | 3.5 | 3.0 | 2.2 | 1.8 | 1.4 | 0.8 | 0.2 | 2.6 |
| 13 | 4.1 | 2.8 | 5.5 | 4.6 | 3.3 | 3.0 | 2.2 | 1.7 | 1.3 | 0.6 | 0.2 | 2.4 |
| 14 | 3.9 | 2.8 | 5.7 | 4.6 | 3.2 | 3.6 | 2.1 | 1.7 | 1.3 | 0.8 | 0.4 | 2.3 |
| 15 | 3.8 | 3.2 | 5.8 | 4.6 | 3.1 | 3.7 | 2.0 | 1.7 | 1.4 | 1.0 | 0.5 | 2.3 |
| 16 | 3.7 | 3.2 | 6.0 | 4.5 | 3.1 | 3.7 | 2.0 | 1.6 | 1.4 | 1.3 | 1.5 | 2.3 |
| 17 | 3.7 | 3.1 | 6.1 | 4.5 | 3.0 | 3.7 | 2.1 | 1.5 | 1.5 | 1.5 | 2.5 | 2.3 |
| 18 | 3.7 | 3.1 | 6.2 | 4.5 | 2.9 | 3.6 | 2.2 | 1.3 | 1.5 | 1.5 | 2.5 | 2.4 |
| 19 | 3.7 | 3.1 | 6.4 | 4.4 | 2.9 | 3.6 | 2.3 | 1.1 | 1.5 | 1.6 | 2.5 | 2.4 |
| 20 | 3.6 | 3.2 | 6.5 | 4.4 | 2.8 | 3.5 | 2.4 | 1.0 | 1.4 | 1.6 | 2.5 | 2.5 |
| 21 | 3.6 | 3.3 | 6.6 | 4.3 | 2.8 | 3.4 | 2.5 | 1.0 | 1.3 | 1.3 | 2.6 | 2.5 |
| 22 | 3.5 | 3.4 | 6.6 | 4.3 | 2.5 | 3.3 | 2.5 | 1.0 | 1.3 | 1.4 | 2.6 | 2.6 |
| 23 | 3.4 | 3.5 | 6.6 | 4.3 | 2.4 | 3.3 | 2.3 | 1.0 | 1.2 | 1.5 | 2.6 | 2.6 |
| 24 | 3.4 | 3.6 | 6.5 | 4.3 | 2.4 | 3.2 | 2.2 | 1.1 | 1.1 | 1.6 | 2.7 | 2.7 |
| 25 | 3.2 | 3.7 | 6.4 | 4.3 | 2.4 | 3.2 | 2.1 | 1.2 | 1.0 | 1.6 | 2.7 | 2.7 |
| 26 | 3.2 | 3.8 | 6.3 | 4.3 | 2.4 | 3.1 | 2.0 | 1.3 | 0.9 | 1.6 | 2.8 | 2.8 |
| 27 | 3.2 | 3.9 | 6.2 | 4.3 | 2.4 | 3.0 | 1.9 | 1.3 | 0.9 | 1.6 | 2.7 | 2.8 |
| 28 | 3.2 | 4.0 | 6.1 | 4.3 | 2.4 | 2.9 | 1.9 | 1.4 | 0.9 | 1.6 | 2.7 | 2.9 |
| 29 | 3.2 | ----- | 6.0 | 4.4 | 2.3 | 2.9 | 1.9 | 1.5 | 0.9 | 1.6 | 2.6 | 3.0 |
| 30 | 3.1 | ----- | 5.9 | 4.4 | 2.3 | 2.8 | 1.9 | 1.6 | 0.8 | 1.6 | 2.5 | 3.0 |
| 31 | 3.1 | ----- | 5.8 | ----- | 2.3 | ----- | 1.8 | 1.6 | ----- | 1.6 | ----- | 3.1 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 4.0 | 3.1 | 5.6 | 4.7 | 3.2 | 3.0 | 2.2 | 1.6 | 1.4 | 1.2 | 1.8 | 2.6 |
| MAX | 5.6 | 4.0 | 6.6 | 5.7 | 4.5 | 3.7 | 2.7 | 2.1 | 2.0 | 1.6 | 2.8 | 3.1 |
| MIN | 3.1 | 2.7 | 4.0 | 4.3 | 2.3 | 2.2 | 1.8 | 1.0 | 0.8 | 0.6 | 0.2 | 2.3 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.9

HIGHEST STAGE WAS 6.6 ON MAR 21 AND LATER DATE(S).

LOWEST STAGE WAS 0.2 ON NOV 11 AND LATER DATE(S).

DAILY STAGE FOR 1967

93

LITTLE BAYOU SORREL AT JCT. WITH GIWW (MORGAN-CITY PORT ALLEN ROUTE) (LA.)

LOCATION. LAT. 29-47-47, LONG. 91-10-30. AT JUNCTION WITH GULF INTRACOASTAL WATERWAY, NEAR GIWW
MILE 10. (STA. 4972510.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. DEC. 21, 1970, TO DATE.

EXTREMES. HIGHEST, 14.01 FEET (FROM INCOMPLETE RECORD) ON MAY 25, 1973. LOWEST, MINUS 0.88 FOOT
ON OCT. 17, 1976.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 4.85 | 3.10 | 3.98 | 5.14 | 3.97 | 2.18 | 2.19 | 1.73 | 2.08 | 1.50 | 1.65 | 1.90 |
| 2 | 4.67 | 3.10 | 3.72 | 5.13 | 4.04 | 2.13 | 2.40 | 1.65 | 2.12 | 2.16 | 1.52 | 1.83 |
| 3 | 4.58 | 2.85 | 3.75 | 4.90 | 4.16 | 2.04 | 2.67 | 1.86 | 2.07 | 1.65 | 1.61 | 1.97 |
| 4 | 4.53 | 2.84 | 3.70 | 4.77 | 4.20 | 1.96 | 2.15 | 2.11 | 2.17 | 1.37 | 1.63 | 2.03 |
| 5 | 4.15 | 2.79 | 3.75 | 4.70 | 4.15 | 1.76 | 2.23 | 2.28 | 2.45 | 1.70 | 1.67 | 1.87 |
| 6 | 4.14 | 2.72 | 3.95 | 4.65 | 4.01 | 2.07 | 2.44 | 2.42 | 2.43 | 1.65 | 1.12 | 2.27 |
| 7 | 4.03 | 2.65 | 4.10 | 4.57 | 3.84 | 2.37 | 2.77 | 2.33 | 2.22 | 1.17 | 1.71 | 2.70 |
| 8 | 3.90 | 2.52 | 4.45 | 4.50 | 3.77 | 2.70 | 2.75 | 2.34 | 2.04 | 1.20 | 2.08 | 2.55 |
| 9 | 3.85 | 2.40 | 4.57 | 4.40 | 3.69 | 3.00 | 2.63 | 2.29 | 1.72 | 1.67 | 2.44 | 2.56 |
| 10 | 3.84 | 2.54 | 4.72 | 4.31 | 3.70 | 3.07 | 2.76 | 2.70 | 1.82 | 1.53 | 2.05 | 2.42 |
| 11 | 3.53 | 2.67 | 4.80 | 4.30 | 3.60 | 3.10 | 2.67 | 2.52 | 2.10 | 1.77 | 0.54 | 2.27 |
| 12 | 3.33 | 2.65 | 4.92 | 4.33 | 3.48 | 3.29 | 2.60 | 2.25 | 1.85 | 1.07 | 0.87 | 2.34 |
| 13 | 3.25 | 2.65 | 5.06 | 4.45 | 3.40 | 3.25 | 2.45 | 1.91 | 2.14 | 0.93 | 1.40 | 2.21 |
| 14 | 3.17 | 2.70 | 5.25 | 4.60 | 3.30 | 3.53 | 2.00 | 1.66 | 1.96 | 1.75 | 1.58 | 2.38 |
| 15 | 3.34 | 2.86 | 5.40 | 4.38 | 3.12 | 3.33 | 1.84 | 1.68 | 1.90 | 1.80 | 1.66 | 2.70 |
| 16 | 3.24 | 3.10 | 5.54 | 4.26 | 2.82 | 3.20 | 1.81 | 1.90 | 2.05 | 1.75 | 2.34 | 1.85 |
| 17 | 3.24 | 2.84 | 5.65 | 4.14 | 2.80 | 3.04 | 1.95 | 1.93 | 2.13 | 1.65 | 2.41 | 1.66 |
| 18 | 3.40 | 2.74 | 6.18 | 4.10 | 2.59 | 3.20 | 2.12 | 1.85 | 1.93 | 1.50 | 2.09 | 1.84 |
| 19 | 3.24 | 2.58 | 6.08 | 3.97 | 2.45 | 3.05 | 2.13 | 1.97 | 1.94 | 1.63 | 2.20 | 1.95 |
| 20 | 2.96 | 2.54 | 5.93 | 3.90 | 2.40 | 2.97 | 2.58 | 1.85 | 1.90 | 1.66 | 1.99 | 2.35 |
| 21 | 2.80 | 2.65 | 5.93 | 3.90 | 2.35 | 2.98 | 2.58 | 1.83 | 1.98 | 0.65 | 1.90 | 2.30 |
| 22 | 2.92 | 2.95 | 5.85 | 3.87 | 2.24 | 2.96 | 2.63 | 1.80 | 1.83 | 1.21 | 2.24 | 2.55 |
| 23 | 2.67 | 2.88 | 5.90 | 3.83 | 2.18 | 2.97 | 2.72 | 1.86 | 1.15 | 1.63 | 2.53 | 2.50 |
| 24 | 2.74 | 3.05 | 6.09 | 3.85 | 2.46 | 2.85 | 2.65 | 1.82 | 1.75 | 1.65 | 2.59 | 2.64 |
| 25 | 2.95 | 3.14 | 5.94 | 3.78 | 2.52 | 2.78 | 2.57 | 1.91 | 1.87 | 1.65 | 2.79 | 2.68 |
| 26 | 2.58 | 3.28 | 5.90 | 3.84 | 2.73 | 2.40 | 2.45 | 1.92 | 1.93 | 2.00 | 2.77 | 2.64 |
| 27 | 2.52 | 3.98 | 5.88 | 3.93 | 2.7 | 2.01 | 2.39 | 1.71 | 2.13 | 1.66 | 2.49 | 2.60 |
| 28 | 2.76 | 4.20 | 5.75 | 3.95 | 2.88 | 2.30 | 2.11 | 1.69 | 2.25 | 1.30 | 2.22 | 2.42 |
| 29 | 2.85 | ----- | 5.70 | 3.90 | 2.72 | 2.37 | 2.12 | 1.28 | 2.07 | 1.68 | 2.00 | 2.35 |
| 30 | 2.95 | ----- | 5.63 | 3.95 | 2.50 | 2.36 | 1.96 | 1.62 | 1.47 | 1.77 | 2.12 | 2.56 |
| 31 | 2.87 | ----- | 5.26 | ----- | 2.38 | ----- | 1.92 | 1.96 | ----- | 1.68 | ----- | 3.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.41 | 2.89 | 5.14 | 4.28 | 3.14 | 2.71 | 2.36 | 1.96 | 1.98 | 1.55 | 1.94 | 2.32 |
| MAX | 4.85 | 4.20 | 6.18 | 5.14 | 4.20 | 3.53 | 2.77 | 2.70 | 2.45 | 2.16 | 2.79 | 3.05 |
| MIN | 2.52 | 2.40 | 3.70 | 3.78 | 2.18 | 1.76 | 1.81 | 1.28 | 1.15 | 0.65 | 0.54 | 1.66 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.81.

HIGHEST STAGE WAS 6.28 AT 1:00 A. M. ON MAR 18.

LOWEST STAGE WAS 0.23 ON NOV 21.

DAILY STAGE FOR 1987

EABPL BORROW PIT AT BAYOU FORDOCHE (LA.) (ABOVE STATE HWY. 10)

LOCATION. LAT. 30-40-07, LONG. 91-39-30. ON NORTH END OF HIGHWAY 10 CULVERT, JUST ABOVE LOWER JUNCTION WITH BAYOU FORDOCHE, AND SIX MILES EAST OF MELVILLE, LA. (STA. 52040128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1943, 1944, 1947, AND 1950 TO 1955. DAILY, JAN. 1, 1948, TO DEC. 31, 1949, AND MAY 22, 1958, TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 28.10 FEET ON MAY 18, 1953. LOWEST, CHANNEL DRY ON OCT. 4, 1954, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 20.97 | 21.29 | 22.44 | 21.32 | 20.15 | 20.15 | 20.34 | 20.43 | 20.72 | 20.40 | 20.14 | 20.20 |
| 2 | 20.88 | 21.27 | 22.10 | 21.28 | 20.11 | 20.14 | 20.35 | 20.40 | 20.70 | 20.39 | 20.13 | 20.20 |
| 3 | 20.82 | 21.25 | 22.02 | 21.26 | 20.10 | 20.13 | 20.35 | 20.38 | 20.66 | 20.36 | 20.13 | 20.18 |
| 4 | 21.06 | 21.20 | 21.95 | 21.23 | 20.10 | 20.11 | 20.34 | 20.37 | 20.66 | 20.34 | 20.13 | 20.17 |
| 5 | 20.99 | 21.20 | 21.88 | 21.18 | 20.13 | 20.09 | 20.33 | 20.37 | 20.64 | 20.31 | 20.12 | 20.17 |
| 6 | 20.90 | 21.20 | 21.85 | 21.15 | 20.13 | 20.07 | 20.31 | 20.36 | 20.65 | 20.30 | 20.09 | 20.15 |
| 7 | 21.14 | 21.29 | 21.85 | 21.13 | 20.12 | 20.05 | 20.34 | 20.35 | 20.68 | 20.29 | 20.08 | 20.18 |
| 8 | 21.44 | 21.22 | 21.92 | 21.06 | 20.12 | 20.07 | 20.34 | 20.33 | 20.73 | 20.27 | 20.07 | 20.18 |
| 9 | 21.57 | 21.17 | 22.10 | 21.05 | 20.10 | 20.04 | 20.34 | 20.33 | 20.67 | 20.26 | 20.09 | 20.18 |
| 10 | 21.50 | 21.22 | 21.86 | 21.00 | 20.17 | 20.03 | 20.34 | 20.32 | 20.60 | 20.24 | 20.15 | 20.16 |
| 11 | 21.45 | 21.18 | 21.70 | 20.93 | 20.17 | 20.02 | 20.34 | 20.44 | 20.60 | 20.24 | 20.12 | 20.16 |
| 12 | 21.40 | 21.17 | 21.62 | 20.85 | 20.17 | 20.01 | 20.33 | 20.40 | 20.57 | 20.23 | 20.11 | 20.15 |
| 13 | 21.43 | 21.15 | 21.54 | 20.84 | 20.30 | 20.05 | 20.31 | 22.06 | 20.59 | 20.22 | 20.10 | 20.15 |
| 14 | 21.40 | 21.10 | 21.46 | 20.94 | 20.30 | 20.37 | 20.34 | 21.86 | 20.54 | 20.20 | 20.10 | 20.14 |
| 15 | 21.36 | 21.07 | 21.40 | 20.95 | 20.30 | 20.43 | 20.32 | 21.71 | 20.50 | 20.19 | 20.10 | 20.15 |
| 16 | 21.39 | 21.58 | 21.35 | 20.95 | 20.30 | 20.40 | 20.30 | 21.59 | 20.50 | 20.18 | 20.09 | 20.15 |
| 17 | 21.52 | 21.48 | 21.27 | 20.92 | 20.28 | 20.38 | 20.30 | 21.45 | 20.48 | 20.17 | 20.30 | 20.13 |
| 18 | 22.15 | 21.40 | 22.07 | 20.88 | 20.25 | 20.39 | 20.28 | 21.35 | 20.47 | 20.17 | 20.25 | 20.12 |
| 19 | 22.17 | 21.35 | 21.86 | 20.79 | 20.24 | 20.38 | 20.26 | 21.20 | 20.49 | 20.15 | 20.24 | 20.11 |
| 20 | 21.86 | 21.30 | 21.70 | 20.65 | 20.22 | 20.37 | 20.39 | 21.10 | 20.53 | 20.13 | 20.22 | 20.18 |
| 21 | 21.73 | 21.44 | 21.57 | 20.51 | 20.20 | 20.35 | 20.36 | 21.04 | 20.53 | 20.14 | 20.20 | 20.39 |
| 22 | 22.07 | 22.08 | 21.47 | 20.43 | 20.19 | 20.41 | 20.35 | 20.97 | 20.54 | 20.12 | 20.18 | 20.60 |
| 23 | 21.73 | 21.84 | 21.40 | 20.36 | 20.17 | 20.40 | 20.35 | 20.92 | 20.55 | 20.11 | 20.17 | 20.60 |
| 24 | 21.78 | 21.72 | 22.25 | 20.30 | 20.24 | 20.39 | 20.35 | 20.90 | 20.53 | 20.10 | 20.16 | 20.63 |
| 25 | 21.74 | 22.17 | 21.75 | 20.25 | 20.24 | 20.36 | 20.34 | 20.85 | 20.50 | 20.10 | 20.15 | 20.65 |
| 26 | 21.62 | 22.60 | 21.62 | 20.21 | 20.23 | 20.35 | 20.32 | 20.82 | 20.49 | 20.08 | 20.15 | 20.62 |
| 27 | 21.54 | 22.50 | 21.52 | 20.18 | 20.22 | 20.34 | 20.51 | 20.78 | 20.46 | 20.17 | 20.15 | 20.56 |
| 28 | 21.48 | 22.70 | 21.63 | 20.20 | 20.20 | 20.30 | 20.49 | 20.75 | 20.44 | 20.16 | 20.26 | 20.46 |
| 29 | 21.43 | ----- | 21.53 | 20.17 | 20.19 | 20.29 | 20.46 | 20.70 | 20.42 | 20.16 | 20.24 | 20.38 |
| 30 | 21.39 | ----- | 21.45 | 20.15 | 20.17 | 20.26 | 20.45 | 20.67 | 20.40 | 20.15 | 20.23 | 20.33 |
| 31 | 21.34 | ----- | 21.36 | ----- | 20.16 | ----- | 20.44 | 20.71 | ----- | 20.15 | ----- | 20.29 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 21.46 | 21.50 | 21.73 | 20.77 | 20.19 | 20.24 | 20.35 | 20.85 | 20.56 | 20.21 | 20.15 | 20.28 |
| MAX | 22.17 | 22.70 | 22.44 | 21.32 | 20.30 | 20.43 | 20.51 | 22.06 | 20.73 | 20.40 | 20.30 | 20.65 |
| MIN | 20.82 | 21.07 | 21.27 | 20.15 | 20.10 | 20.01 | 20.26 | 20.32 | 20.40 | 20.08 | 20.07 | 20.11 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 20.69.

HIGHEST STAGE WAS 22.75 AT NOON ON FEB 28.

LOWEST STAGE WAS 20.00 ON JUN 12.

DAILY STAGE FOR 1987

EABPL BORROW PIT AT BAYOU FORDOCHE (LA.) (BELOW STATE HWY. 10)

LOCATION. LAT. 30-40-04, LONG. 91-39-31. ON SOUTH END OF HIGHWAY 10 CULVERT, JUST ABOVE LOWER JUNCTION WITH BAYOU FORDOCHE AND SIX MILES EAST OF MELVILLE, LA. (STA. 52080128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1947, AND 1950 TO 1955. DAILY, JAN. 1, 1948, TO DEC. 31, 1949, AND MAY 22, 1958, TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 28.0 FEET ON MAY 18, 1953. LOWEST, CHANNEL DRY ON OCT. 5, 1953, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|---------|-------|-------|-------|-------|-------|---------|-------|-------|
| 1 | 17.38 | 17.60 | 20.08 | 17.30 | | 15.60 | 15.62 | 15.74 | 16.81 | 16.37 | 15.90 | 16.10 |
| 2 | 17.33 | 17.56 | 19.17 | 17.25 | | 15.60 | 15.63 | 15.72 | 16.78 | 16.35 | 15.89 | 16.09 |
| 3 | 17.28 | 17.56 | 18.57 | 17.19 | | 15.60 | 15.61 | 15.70 | 16.73 | 16.34 | 15.87 | 16.07 |
| 4 | 17.43 | 17.52 | 18.16 | 17.14 | | 15.57 | 15.61 | 15.74 | 16.70 | 16.30 | 15.87 | 16.11 |
| 5 | 17.37 | 17.52 | 17.90 | 17.08 | | 15.56 | 15.60 | 15.74 | 16.68 | 16.28 | 15.86 | 16.09 |
| 6 | 17.34 | 17.50 | 17.80 | 17.03 | | 15.57 | 15.59 | 15.73 | 16.67 | 16.25 | 15.85 | 16.11 |
| 7 | 17.38 | 17.58 | 17.74 | 16.97 | | 15.56 | 15.55 | 15.73 | 16.72 | 16.24 | 15.83 | 16.14 |
| 8 | 17.53 | 17.55 | 17.77 | 16.92 | | 15.55 | 15.55 | 15.73 | 16.80 | 16.20 | 15.81 | 16.14 |
| 9 | 17.53 | 17.49 | 17.98 | 16.85 F | 15.64 | 15.60 | 15.55 | 15.73 | 16.71 | 16.13 | 15.80 | 16.19 |
| 10 | 17.53 | 17.44 | 17.95 | 16.76 | 15.65 | 15.60 | 15.55 | 15.73 | 16.64 | 16.15 | 15.92 | 16.18 |
| 11 | 17.53 | 17.40 | 17.84 | 16.67 | 15.66 | 15.60 | 15.55 | 15.73 | 16.63 | 16.14 | 15.89 | 16.15 |
| 12 | 17.53 | 17.38 | 17.74 | 16.53 | 15.68 | 15.60 | 15.55 | | 16.58 | 16.12 | 15.87 | 16.19 |
| 13 | 17.58 | 17.38 | 17.64 | 16.50 | 15.69 | 15.63 | 15.55 | | 16.57 | 16.09 | 15.85 | 16.18 |
| 14 | 17.58 | 17.34 | 17.47 | 16.60 | 15.68 | 15.85 | 15.55 | | 16.52 | 16.06 | 15.84 | 16.16 |
| 15 | 17.55 | 17.30 | 17.40 | 16.61 | 15.68 | 15.78 | 15.55 | | 16.50 | 16.03 | 15.83 | 16.18 |
| 16 | 17.54 | 17.57 | 17.37 | 16.60 | 15.68 | 15.70 | 15.55 | | 16.48 | 16.00 F | 15.85 | 16.17 |
| 17 | 17.92 | 17.54 | 17.31 | 16.60 | 15.68 | 15.63 | 15.55 | 17.60 | 16.46 | 15.99 | 16.23 | 16.10 |
| 18 | 20.98 | 17.45 | 18.94 | 16.51 | 15.68 | 15.63 | 15.55 | | 16.45 | 15.97 | 16.18 | 16.09 |
| 19 | 21.00 | 17.40 | 18.58 | 16.47 | 15.68 | 15.62 | 15.55 | | 16.47 | 15.95 | 16.15 | 16.03 |
| 20 | 19.80 | 17.36 | 18.10 | 16.43 | 15.68 | 15.61 | 15.65 | | 16.57 | 15.93 | 16.12 | 16.14 |
| 21 | F 20.18 | 17.47 | 17.72 | 16.10 | 15.68 | 15.60 | 15.66 | | 16.56 | 15.92 | 16.10 | 16.52 |
| 22 | 20.37 | 18.68 | 17.48 | 15.98 | 15.65 | 15.62 | 15.66 | | 16.56 | 15.90 | 16.07 | 16.91 |
| 23 | 19.47 | 18.65 | 17.38 | 15.90 | 15.65 | 15.60 | 15.66 | | 16.56 | 15.87 | 16.05 | 16.92 |
| 24 | 18.95 | 18.30 | 19.88 | 15.85 | 15.65 | 15.59 | 15.66 | | 16.56 | 15.85 | 16.04 | 16.87 |
| 25 | 19.08 | 19.04 | 19.28 | 15.80 | 15.65 | 15.59 | 15.66 | | 16.54 | 15.85 | 16.02 | 16.85 |
| 26 | 18.78 | 19.75 | 18.50 | 15.77 | 15.65 | 15.59 | 15.66 | | 16.48 | 15.84 | 16.02 | 16.74 |
| 27 | 18.42 | 20.33 | 17.95 | B | 15.65 | 15.57 | 15.99 | | 16.44 | 16.00 | 16.01 | 16.65 |
| 28 | 18.14 | 20.23 | 17.78 | | 15.60 | 15.55 | 15.89 | | 16.40 | 15.98 | 16.24 | 16.50 |
| 29 | 17.92 | ----- | 17.56 | | 15.60 | 15.55 | 15.83 | | 16.37 | 15.96 | 16.22 | 16.40 |
| 30 | 17.80 | ----- | 17.45 | | 15.60 | 15.55 | 15.79 | | 16.37 | 15.94 | 16.18 | 16.30 |
| 31 | 17.67 | ----- | 17.35 | ----- | 15.60 | ----- | 15.77 | 16.85 | ----- | 15.93 | ----- | 16.23 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18.25 | 17.92 | 18.06 | 16.59 | 15.65 | 15.61 | 15.64 | 15.96 | 16.58 | 16.06 | 15.98 | 16.31 |
| MAX | 21.00 | 20.33 | 20.08 | 17.30 | 15.69 | 15.85 | 15.99 | 17.60 | 16.81 | 16.37 | 16.24 | 16.92 |
| MIN | 17.28 | 17.30 | 17.31 | 15.77 | 15.60 | 15.55 | 15.55 | 15.70 | 16.37 | 15.84 | 15.80 | 16.03 |
| DAYS | 31 | 28 | 31 | 26 | 23 | 30 | 31 | 13 | 30 | 31 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 334

B=CHANNEL DRY F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 16.60.

HIGHEST STAGE WAS 21.76 AT 4:00 P.M. ON JAN 18.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

EASPL BORROW PIT AT LOTTIE, LA. (ABOVE U. S. HWY. 190)

LOCATION. LAT. 30-33-27, LONG. 91-39-27. ON NORTH END OF U. S. HIGHWAY 190 CULVERT. (STA. 52120128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1937 TO 1948, AND 1950 TO 1956. DAILY, JAN. 1, TO DEC. 31, 1949, AND AUG. 8, 1956, TO DATE. ADD 0.1 TO STAGES FROM 1945 TO 1964. GAGE WAS KNOWN AS BAYOU FORDOCHE-LOTTIE BORROW PIT FROM 1937 TO 1939.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 25.8 FEET ON AUG. 8, 1940. LOWEST, (FROM INCOMPLETE RECORD) 7.23 FEET (PRESENT DATUM) ON JAN. 12, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|--------|--------|------|-------|------|------|-------|------|-------|-------|
| 1 | 8.42 | 8.62 | | 8.32 | | F | 7.62 | | 7.72 | 7.66 | 7.57 | 7.59 |
| 2 | 8.32 | 8.54 | | 8.24 | | | | | 7.77 | 7.65 | 7.54 | 7.61 |
| 3 | 8.22 | 8.50 F | 9.35 | 8.22 | | 7.62 | | | 7.76 | 7.64 | 7.52 | 7.60 |
| 4 | 9.80 | 8.50 | 9.12 | 8.12 | | | | | 7.74 | 7.63 | 7.54 | 7.59 |
| 5 | 9.00 | 8.44 | 8.92 | 8.10 | 7.72 | | F | 7.50 | 7.72 | 7.62 | 7.58 | 7.58 |
| 6 | 8.72 | 8.54 | 8.78 | 8.04 | | | | | 7.70 | 7.63 | 7.55 | 7.55 |
| 7 | 8.60 | 8.82 | 8.65 | 8.02 | | | | | 7.69 | 7.63 | 7.53 | 7.60 |
| 8 | 8.50 | 8.68 | 8.74 | 8.04 | | F | 7.62 | | 7.69 | 7.55 | 7.50 | 7.64 |
| 9 | 8.50 | 8.57 | 8.95 | 8.04 | | | | | 7.72 | 7.54 | 7.52 | 7.68 |
| 10 | 8.60 | 8.50 | 8.92 | 8.02 | F | 7.52 | | 7.52 | 7.72 | 7.54 | 7.54 | 7.70 |
| 11 | 8.60 | 8.40 | 8.80 | 7.97 | | | | 7.88 | 7.72 | 7.55 | 7.54 | 7.72 |
| 12 | 8.57 | 8.32 | 8.64 | 7.92 | 7.72 | | | 7.81 | 7.70 | 7.53 | 7.54 | 7.70 |
| 13 | 8.54 | 8.24 | 8.57 | 7.90 | F | 7.60 | | 7.69 | 7.70 | 7.52 | 7.53 | 7.72 |
| 14 | 8.57 | 8.22 | 8.44 | 7.92 | | 7.72 | 7.60 | 8.02 | 7.69 | 7.57 | 7.52 | 7.73 |
| 15 | 8.62 | 8.18 | 8.32 | 8.00 | | 7.77 | | 8.39 | 7.67 | 7.59 | 7.51 | 7.75 |
| 16 | 8.82 | 9.12 | 8.22 | 7.92 | F | 7.63 | | 8.36 | 7.68 | 7.58 | 7.50 | 7.79 |
| 17 | 9.52 | 8.70 | 8.17 | 7.84 | | 7.72 | | 8.31 | 7.70 | 7.57 | 7.55 | 7.79 |
| 18 | 12.44 | 8.60 | 11.54 | 7.84 | | | | 8.19 | 7.70 | 7.55 | 7.58 | 7.79 |
| 19 | 12.40 | 8.50 | 9.77 | 7.84 | 7.62 | | | 8.15 | 7.70 | 7.53 | 7.59 | 7.79 |
| 20 | 10.57 | 8.40 | 9.25 | 7.80 | | | | 8.09 | 7.69 | 7.52 | 7.58 | 7.86 |
| 21 | 10.02 | 8.72 | 8.99 | 7.80 | | F | 7.80 | 8.01 | 7.65 | 7.56 | 7.55 | 8.60 |
| 22 | 11.97 | 11.32 | 8.82 | 7.82 | | | | 7.95 | 7.65 | 7.57 | 7.53 | 9.60 |
| 23 | 10.44 | 10.00 | 8.54 | 7.78 | | | | 7.89 | 7.65 | 7.55 | 7.51 | 10.16 |
| 24 | 9.82 | 9.42 | 12.16 | 7.76 | F | 7.62 | | 7.83 | 7.65 | 7.53 | 7.52 | 9.95 |
| 25 | 10.62 | 10.77 | 10.17 | 7.74 | | | | 7.80 | 7.63 | 7.52 | 7.55 | 9.78 |
| 26 | 9.84 | 11.37 | 9.50 | 7.72 F | 7.62 | | | 7.77 | 7.60 | 7.50 | 7.57 | 9.62 |
| 27 | 9.40 | 11.47 | 9.20 | 7.72 | | F | 7.62 | 7.72 | 7.60 | 7.58 | 7.57 | 9.53 |
| 28 | 9.14 F | 10.86 | 8.90 F | 7.72 | | | | 7.70 | 7.60 | 7.59 | 7.60 | 9.49 |
| 29 | 8.98 | ----- | 8.75 | | | | F | 7.70 | 7.66 | 7.60 | 7.60 | 9.42 |
| 30 | 8.82 | ----- | 8.54 | | | | | 7.70 | 7.67 | 7.60 | 7.60 | 9.40 |
| 31 | 8.72 | ----- | 8.42 | ----- | | ----- | | 7.69 | ----- | 7.58 | ----- | 8.93 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|
| MEAN | 9.39 | 9.08 | 9.08 | 7.93 | 7.67 | 7.65 | 7.64 | 7.90 | 7.68 | 7.57 | 7.55 | 8.33 |
| MAX | 12.44 | 11.47 | 12.16 | 8.32 | 7.72 | 7.77 | 7.80 | 8.39 | 7.77 | 7.66 | 7.60 | 10.16 |
| MIN | 8.22 | 8.18 | 8.17 | 7.72 | 7.62 | 7.52 | 7.58 | 7.50 | 7.60 | 7.50 | 7.50 | 7.55 |
| DAYS | 31 | 28 | 29 | 28 | 4 | 9 | 5 | 23 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 279

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.24.

HIGHEST STAGE WAS 14.07 AT 3:00 P. M. ON JAN. 18.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

EABPL BORROW PIT AT LOTTIE, LA. (BELOW U. S. HWY. 190)

LOCATION. LAT. 30-33-24, LONG. 91-39-27. ON SOUTH END OF U. S. HIGHWAY 190 CULVERT. (STA. 52160128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1938 TO 1948, AND 1950. DAILY, JAN. 1, TO DEC. 31, 1949, AND MAR. 8, 1951, TO DATE. ADD 0.1 TO STAGES FROM 1945 TO 1964. EXTREMES IN CURRENT REPORTS HAVE BEEN CORRECTED. GAGE WAS KNOWN AS BAYOU FORDOCHE-LOTTIE BORROW PIT FROM 1937 TO 1939.

EXTREMES. HIGHEST, 23.5 FEET (FROM WATERMARK) IN MAY, 1953. LOWEST, CHANNEL DRY ON OCT. 11, 1963, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
|-----|-------|-------|-------|-------|------|-------|------|------|------|-------|-------|------|-------|------|
| 1 | 8.60 | 8.80 | 11.45 | 8.42 | | F | 6.87 | | 7.10 | 7.20 | | 7.23 | | |
| 2 | 8.50 | 8.75 | 10.09 | 8.32 | | | | | 7.09 | 7.19 | | 7.38 | | |
| 3 | 8.42 | 8.68 | 9.50 | 8.28 | F | 7.06 | | | 7.08 | 7.18 | | 7.39 | | |
| 4 | 10.05 | 8.62 | 9.23 | 8.20 | | | | | 7.08 | 7.18 | 6.75 | 7.40 | | |
| 5 | 9.28 | 8.60 | 9.09 | 8.12 | F | 7.16 | | F | 6.75 | 7.07 | 7.17 | 7.42 | | |
| 6 | 8.92 | 8.68 | 8.93 | 8.09 | | | | | 7.06 | 7.17 | | 7.44 | | |
| 7 | 8.70 | 9.02 | 8.80 | 8.02 | | | | | 7.06 | 7.18 | | 7.57 | | |
| 8 | 8.60 | 8.90 | 8.90 | 8.00 | | | F | 6.90 | | 7.08 | 7.17 | 7.59 | | |
| 9 | 8.61 | 8.80 | 9.14 | 7.95 | | | | | F | 7.12 | 7.17 | 7.62 | | |
| 10 | 8.75 | 8.66 | 9.06 | 7.90 | | F | 7.06 | | | | 7.15 | 6.85 | 7.66 | |
| 11 | 8.75 | 8.52 | 8.94 | 7.85 | | | | F | 7.05 | | 7.14 | | 7.68 | |
| 12 | 8.75 | 8.45 | 8.80 | 7.80 | F | 7.16 | | | 7.50 | 7.12 | | 7.69 | | |
| 13 | 8.75 | 8.40 | 8.75 | 7.80 | | F | 7.48 | | 7.10 | | 7.10 | 7.70 | | |
| 14 | 8.78 | 8.36 | 8.62 | 7.88 | | 7.80 | F | 6.75 | 7.80 | | F | 7.73 | | |
| 15 | 8.80 | 8.30 | 8.50 | 7.98 | | 7.90 | | | 8.16 | | | 7.73 | | |
| 16 | 9.00 | 9.32 | 8.40 | 7.80 | | 7.62 | | | 8.14 | F | 7.10 | | 7.74 | |
| 17 | 9.80 | 8.85 | 8.35 | 7.72 | | 7.50 | | | 8.05 | 7.10 | | F | 6.85 | 7.73 |
| 18 | 12.62 | 8.70 | 11.88 | 7.74 | | | | | 7.91 | 7.10 | | | 7.75 | |
| 19 | 12.53 | 8.58 | 9.92 | 7.74 | F | 7.21 | | | 7.83 | 7.10 | | | 7.75 | |
| 20 | 10.80 | 8.50 | 9.38 | 7.68 | | | | | 7.70 | 7.14 | | | 7.84 | |
| 21 | 10.30 | 8.88 | 9.12 | F | 7.56 | | F | 6.75 | 7.58 | 7.18 | F | 6.90 | | 8.56 |
| 22 | 11.80 | 11.84 | 8.92 | | | | | | 7.42 | 7.19 | | | | 9.55 |
| 23 | 10.45 | 10.18 | 8.76 | | | | | | 7.29 | 7.20 | | | 10.10 | |
| 24 | 9.97 | 9.52 | 12.35 | | | F | 7.40 | | 7.17 | 7.20 | | | 9.90 | |
| 25 | 10.65 | 11.00 | 10.22 | | | | | | 7.09 | 7.20 | | 6.98 | 9.73 | |
| 26 | 9.88 | 10.45 | 9.55 | | F | 7.16 | | | 7.02 | 7.21 | | 6.98 | 9.61 | |
| 27 | 9.50 | 10.41 | 9.20 | | | | F | 6.87 | 7.02 | 7.23 | | 6.97 | 9.56 | |
| 28 | 9.28 | 11.85 | 9.02 | F | 7.16 | | | | 7.03 | 7.25 | 6.90 | 7.10 | 9.50 | |
| 29 | 9.12 | ----- | 8.85 | | | | | F | 6.75 | 7.04 | 7.20 | 7.18 | 9.42 | |
| 30 | 9.00 | ----- | 8.70 | | | | | | 7.05 | 7.20 | | 7.20 | 9.38 | |
| 31 | 8.90 | ----- | 8.56 | ----- | | ----- | | | 7.06 | ----- | ----- | | 8.88 | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|
| MEAN | 9.54 | 9.20 | 9.32 | 7.91 | 7.17 | 7.41 | 6.80 | 7.40 | 7.14 | 7.13 | 6.98 | 8.27 |
| MAX | 12.62 | 11.85 | 12.35 | 8.42 | 7.21 | 7.90 | 6.90 | 8.16 | 7.25 | 7.20 | 7.20 | 10.10 |
| MIN | 8.42 | 8.30 | 8.35 | 7.16 | 7.16 | 6.87 | 6.75 | 6.75 | 7.06 | 6.90 | 6.75 | 7.23 |
| DAYS | 31 | 28 | 31 | 22 | 4 | 9 | 5 | 22 | 24 | 16 | 10 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 233

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.24.

HIGHEST STAGE WAS 14.18 AT 5:00 P. M. ON JAN 18.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

EABPL BORROW PIT NEAR MARINGOUIN, LA.

LOCATION. LAT. 30-28-00, LONG. 91-32-40. ON BRIDGE, TWO MILES SOUTHWEST OF MARINGOUIN. (STA. 5220012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAR. 10, 1948, TO DATE.

EXTREMES. HIGHEST, 17.54 FEET ON OCT. 4, 1964. LOWEST, 0.5 FOOT ON NOV. 12, 1953.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|--------|--------|------|
| 1 | 4.33 | 4.35 | 7.93 | 4.33 | 1.83 | 2.53 | 3.15 | 1.78 | 2.38 | 1.43 | 0.90 F | 1.43 |
| 2 | 4.13 | 4.31 | 6.27 | 4.15 | 1.93 | 2.43 | 3.24 | 1.70 | 1.99 | 1.42 | 0.90 | 1.39 |
| 3 | 4.03 | 4.21 | 5.91 | 4.01 | 1.88 | 2.38 | 3.05 | 1.60 | 1.59 | 1.17 | 0.88 | 1.39 |
| 4 | 6.33 | 4.08 | 5.73 | 3.91 | 1.91 | 2.25 | 2.85 | 1.49 | 1.42 | 1.09 | 0.87 | 1.40 |
| 5 | 4.81 | 3.99 | 5.61 | 3.71 | 2.08 | 2.45 | 2.69 | 1.51 | 1.45 | 1.02 | 0.85 | 1.39 |
| 6 | 4.43 | 3.93 | 5.53 | 3.53 | 2.01 | 2.41 | 2.50 | 1.61 | | 1.05 | 0.82 | 1.41 |
| 7 | 4.23 | 4.25 | 5.38 | 3.39 | 2.13 | 2.35 | 2.64 | 1.67 | | 1.05 | 0.80 | 1.51 |
| 8 | 4.08 | 4.05 | 5.41 | 3.20 | 1.93 | 2.51 | 2.74 | 1.71 | | 1.33 | 0.79 | 1.54 |
| 9 | 3.96 | 3.93 | 5.48 | 3.03 | 2.03 | 2.61 | 2.81 | 1.80 | 1.68 | 1.01 | 0.74 F | 1.55 |
| 10 | 3.86 | 3.83 | 5.31 | 2.91 | 2.08 | 3.33 | 2.61 | 2.33 | 1.54 | 1.05 | 0.72 | 2.06 |
| 11 | 3.98 | 3.75 | 5.11 | 2.81 | 1.93 | 2.81 | 2.40 | 3.20 | 1.55 | 1.10 | 0.87 | 1.88 |
| 12 | 3.53 | 3.65 | 4.93 | 2.63 | 1.81 | 2.83 | 2.59 | 3.90 | 1.59 | 1.02 | 0.90 | 1.53 |
| 13 | 3.33 | 3.55 | 4.78 | 2.65 | 1.85 | 2.85 | 2.58 | 4.49 | 1.50 | 0.98 | 0.90 | 1.54 |
| 14 | 3.17 | 3.43 | 4.61 | 2.71 | 2.03 | 3.73 | 2.48 | 3.83 | 1.43 | 0.88 F | 0.90 | 1.47 |
| 15 | 3.21 | 3.39 | 4.43 | 2.73 | 1.93 | 4.45 | 2.30 | 3.50 | 1.38 | 0.81 | | 1.44 |
| 16 | 3.61 | 6.41 | 4.23 | 2.64 | 1.85 | 4.25 | 2.20 | 3.27 | 1.36 | 0.80 | | 1.53 |
| 17 | 3.35 | 4.67 | 4.18 | 2.67 | 1.63 | 4.23 | 2.22 | 2.97 | 1.39 | 0.81 F | 1.53 | 1.50 |
| 18 | 8.58 | 4.45 | 8.53 | 2.51 | 1.61 | 4.83 | 2.01 | 1.39 | 1.39 | 0.85 | 1.73 | 1.27 |
| 19 | 8.28 | 4.35 | 5.71 | 2.43 | 1.60 | 4.45 | 2.14 | 2.01 | 1.41 | 0.82 | 1.95 | 1.25 |
| 20 | 6.05 | 4.23 | 4.93 | 2.41 | 1.53 | 4.27 | 2.23 | 1.57 | 1.49 | 0.80 | 1.79 | 1.29 |
| 21 | 5.35 | 4.41 | 4.81 | 2.35 | 1.51 | 4.05 | 2.19 | 1.41 | 1.49 | 0.78 | 1.58 | 1.65 |
| 22 | 8.33 | 8.63 | 4.63 | 2.11 | 1.55 | 4.01 | 2.31 | 1.32 | 1.47 | 0.79 | 1.37 | 2.79 |
| 23 | 6.28 | 6.11 | 4.51 | 1.95 | 1.51 | 3.91 | 2.40 | 1.18 | 1.48 | 0.80 | 1.35 | 2.54 |
| 24 | 5.55 | 5.18 | 9.23 | 1.83 | 1.68 | 3.73 | 2.42 | 1.31 | 1.49 | 0.80 | 1.40 | 2.69 |
| 25 | 6.13 | 7.38 | 6.03 | 1.81 | 1.75 | 3.61 | 2.39 | 1.40 | 1.49 | 0.80 | 1.50 | 2.30 |
| 26 | 5.51 | 7.67 | 5.25 | 1.63 | 2.30 | 3.38 | 2.58 | 1.65 | 1.48 | 0.79 | 1.50 | 2.22 |
| 27 | 5.13 | 7.53 | 5.05 | 1.68 | 2.35 | 3.18 | 2.42 | 1.60 | 1.46 | 0.87 | 1.53 | 2.32 |
| 28 | 4.88 | 8.73 | 4.93 | 1.61 | 2.41 | 2.98 | 2.39 | 2.37 | 1.44 | 0.88 | 1.50 | 2.22 |
| 29 | 4.73 | ----- | 4.73 | 1.68 | 2.55 | 2.78 | 2.32 | 1.48 | 1.43 | 0.90 | 1.65 | 2.16 |
| 30 | 4.55 | ----- | 4.53 | 1.73 | 2.58 | 2.78 | 2.15 | 2.21 | 1.42 | 0.90 | 1.52 | 1.89 |
| 31 | 4.45 | ----- | 4.43 | ----- | 2.53 | ----- | 2.04 | 3.09 | ----- | 0.90 | ----- | 1.90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.96 | 4.94 | 5.42 | 2.69 | 1.95 | 3.28 | 2.49 | 2.17 | 1.53 | 0.95 | 1.20 | 1.76 |
| MAX | 8.56 | 8.73 | 9.23 | 4.33 | 2.58 | 4.83 | 3.24 | 4.49 | 2.38 | 1.43 | 1.95 | 2.79 |
| MIN | 3.17 | 3.39 | 4.18 | 1.61 | 1.51 | 2.25 | 2.01 | 1.18 | 1.36 | 0.78 | 0.72 | 1.25 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 30 | 27 | 31 | 28 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.79

HIGHEST STAGE WAS 10.28 AT 2:30 P.M. ON FEB. 28.

LOWEST STAGE WAS 0.70 ON NOV. 10.

DAILY STAGE FOR 1987

EABPL BORROW PIT (LS) AT RAMAH, LA.

LOCATION. LAT. 30-24-05, LONG. 91-30-37. ON BRIDGE. (STA. 5224012D.)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1935, 1937, 1944 TO 1946, AND 1953 TO 1954. DAILY, JAN. 13, 1948, TO DEC. 31, 1952, AND FEB. 21, 1956, TO DATE.

EXTREMES. HIGHEST, 12.73 FEET ON APR. 22, 1979. LOWEST, 0.29 FOOT ON JAN. 19, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|-------|------|---------|--------|-------|--------|------|--------|------|-------|------|
| 1 | 4.28 | | 6.66 | 4.29 | 1.88 | 2.58 | 2.98 | 1.78 | 1.72 | 1.12 | 1.07 | 1.47 |
| 2 | 4.12 | | 5.92 | 4.12 | 1.96 | 2.42 | 3.21 | 1.72 | 1.75 | 0.99 | 1.07 | 1.37 |
| 3 | 3.98 F | 4.14 | 5.74 | 3.98 | 1.91 | 2.31 | 3.03 | 1.60 | 1.75 | 0.99 | 1.08 | 1.41 |
| 4 | 4.91 | 4.04 | 5.68 | 3.88 | 1.95 F | 2.36 | 2.87 | 1.50 | 1.72 | 1.02 | 1.13 | 1.49 |
| 5 | 4.38 | 3.94 | 5.60 | 3.68 | 2.15 | 2.52 | 2.65 | 1.50 | 1.64 | 0.98 | 1.23 | 1.22 |
| 6 | 4.28 | 3.86 | 5.52 | 3.52 | 2.02 | 2.40 | 2.51 | 1.48 | 1.63 | 1.00 | 1.25 | 1.27 |
| 7 | 4.21 | 3.94 | 5.40 | 3.40 | 2.18 | 2.38 | 2.68 | 1.50 | 1.59 F | 0.97 | 1.20 | 1.42 |
| 8 | | 3.91 | 5.40 | 3.17 | 1.98 F | 2.52 | 2.70 | 1.75 | 1.60 | 0.91 | 1.27 | 1.56 |
| 9 | | 3.84 | 5.38 | 3.00 | 2.12 | 2.60 | 2.77 | 1.74 | 1.59 | 0.87 | 1.42 | 1.70 |
| 10 | | 3.74 | 5.22 | 2.90 | 2.18 | 2.80 | 2.58 | 2.18 | 1.58 | 0.84 | 1.60 | 1.93 |
| 11 | | 3.76 | 5.05 | 2.75 | 2.02 | 2.68 | 2.58 | 2.51 | 1.53 | 0.82 | 1.20 | 1.59 |
| 12 | | 3.68 | 4.89 | 2.60 | 1.90 | 2.75 | 2.55 | 3.49 | 1.48 | 0.75 | 0.67 | 1.55 |
| 13 F | 3.25 | 3.58 | 4.72 | 2.62 | 1.88 | 2.83 | 2.51 | 4.12 | 1.48 | 0.63 | 0.74 | 1.57 |
| 14 | 3.16 | 3.48 | 4.52 | 2.60 | 2.02 | 3.65 | 2.50 F | 3.62 | 1.40 | 0.58 | 0.83 | 1.49 |
| 15 | 3.11 | 3.46 | 4.35 | 2.64 | 1.92 | 4.24 | 2.32 | | 1.32 | | 1.03 | 1.62 |
| 16 | 3.06 | 5.48 | 4.20 | 2.58 | 1.88 | 4.18 | 2.20 | | 1.29 | | 1.68 | 1.52 |
| 17 | 4.11 | 4.53 | 4.20 | 2.60 | 1.60 | 4.18 | 2.18 F | 2.87 | 1.28 | | 2.35 | 1.58 |
| 18 | 5.21 | 4.38 | 6.24 | 2.45 | 1.62 | 4.60 | 1.99 | 2.30 | 1.39 | | 2.21 | 1.17 |
| 19 | 5.06 | 4.32 | 4.90 | 2.34 | 1.60 | 4.38 | 2.11 | 1.88 | 1.41 | | 2.09 | 1.22 |
| 20 | 5.16 | 4.19 | 4.70 | 2.32 | 1.50 | | 2.27 | 1.78 | 1.47 | | 1.68 | 1.34 |
| 21 | 4.88 | 4.11 | 4.68 | 2.35 | 1.50 | | 2.15 | 1.74 | 1.41 F | 0.90 | 1.42 | 1.55 |
| 22 | 5.36 | 6.38 | 4.55 | 2.20 | 1.52 | 3.98 | 2.30 | 1.47 | 1.30 | 0.70 | 1.21 | 2.20 |
| 23 | 5.41 | 5.04 | 4.45 | 2.00 | 1.50 | 3.89 | 2.35 | 1.43 | 1.18 | 0.88 | 1.24 | 2.30 |
| 24 | 5.31 | 4.76 | 7.12 | 1.90 | 1.60 | 3.70 | 2.38 | 1.44 | 1.01 F | 1.16 | 1.35 | 2.35 |
| 25 | 5.26 | 5.88 | 5.32 | 1.85 | 1.70 | 3.58 | 2.33 | 1.47 | 1.09 | 1.23 | 1.42 | 2.15 |
| 26 | 5.13 | 6.18 | 5.08 | 1.70 | 2.30 | 3.38 | 2.51 | 1.53 | 1.34 | 1.19 | 1.66 | 2.15 |
| 27 | 4.93 | 6.26 | 4.98 | 1.68 | 2.34 | 3.18 | 2.34 | 1.59 | 1.49 | 1.40 | 1.57 | 2.40 |
| 28 | 4.73 | 7.56 | 4.85 | 1.72 | 2.38 | 2.92 | 2.31 | 1.61 | 1.50 | 0.99 | 1.56 | 2.20 |
| 29 | | ----- | 4.70 | 1.68 F | 2.58 | 2.74 | 2.25 | 1.64 | 1.51 | 0.89 | 1.62 | 1.95 |
| 30 | | ----- | 4.52 | 1.72 F | 2.58 | 2.74 | 2.09 | 1.69 | 1.30 | 1.01 | 1.50 | 1.89 |
| 31 | | ----- | 4.40 | ----- F | 2.52 | ----- | 2.00 | 1.70 | ----- | 0.97 | ----- | 1.55 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.49 | 4.56 | 5.13 | 2.67 | 1.96 | 3.16 | 2.46 | 1.95 | 1.46 | 0.95 | 1.38 | 1.68 |
| MAX | 5.41 | 7.56 | 7.12 | 4.29 | 2.58 | 4.60 | 3.21 | 4.12 | 1.75 | 1.40 | 2.35 | 2.40 |
| MIN | 3.06 | 3.46 | 4.20 | 1.68 | 1.50 | 2.31 | 1.99 | 1.43 | 1.01 | 0.58 | 0.67 | 1.17 |
| DAYS | 23 | 26 | 31 | 30 | 31 | 28 | 31 | 29 | 30 | 25 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 345

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.62

HIGHEST STAGE WAS 8.06 AT 2:30 P.M. ON FEB 28

LOWEST STAGE WAS 0.48 ON NOV 12.

DAILY STAGE FOR 1987

UPPER GRAND RIVER (LS) AT DIKE (LA.)

LOCATION. LAT. 30-13-33, LONG. 91-25-11. ATTACHED TO STUMP AT JUNCTION WITH EABPL BORROW PIT.
(STA. 5229009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1933 TO 1945. DAILY, APR. 1, 1948, TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 13.0 FEET FROM MAY 2 TO 5, 1933. LOWEST, (FROM INCOMPLETE RECORD) MINUS 0.1 FOOT ON JAN. 27, 1940.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|-------|------|-------|--------|------|-------|--------|-------|------|
| 1 | 4.54 | 4.54 | | 4.62 | 2.12 | 2.74 | 3.14 | 2.06 | 2.03 | 1.24 | 1.27 | 1.68 |
| 2 | 4.37 | 4.50 | | 4.42 | 2.17 | 2.64 | 3.47 | 1.95 | 2.01 | 1.14 | 1.27 | 1.55 |
| 3 | 4.20 | 4.40 F | 5.94 | 4.29 | 2.12 | 2.56 | 3.31 | 1.81 | 1.69 | 1.50 | 1.30 | 1.65 |
| 4 | 4.50 | 4.32 | 5.86 | 4.12 | 2.17 | 2.52 | 3.10 | 1.65 | 1.61 | 1.24 F | 1.39 | 1.72 |
| 5 | 4.57 | 4.24 | 5.77 | 3.89 | 2.32 | 2.72 | 2.93 | 1.74 | 1.61 | 1.27 | 1.45 | 1.50 |
| 6 | 4.52 | 4.16 | 5.70 | 3.75 | 2.22 | 2.64 | 2.77 | 1.87 | 1.81 | 1.39 | 1.45 | 1.47 |
| 7 | 4.22 | 4.20 | 5.62 | 3.56 | 2.40 | 2.64 | 3.00 | 1.93 | 1.93 | 1.30 | 1.39 | 1.68 |
| 8 | 4.08 | 4.17 | 5.60 | 3.37 | 2.20 | 2.80 | 2.98 | 2.00 | 1.87 | 1.28 | 1.52 | 1.78 |
| 9 | 3.99 | 4.10 | 5.52 | 3.22 | 2.30 | 2.92 | 3.04 | 2.10 | 1.83 | 1.34 | 1.60 | 1.95 |
| 10 | 3.85 | 4.02 | 5.42 | 3.10 | 2.34 | 3.05 | 2.88 | 2.32 | 1.76 | 1.50 | 1.82 | 2.10 |
| 11 | 3.74 | 3.97 | 5.29 | 3.00 | 2.30 | 3.02 | 2.86 | 2.71 | 1.77 | 1.47 | 1.48 | 1.80 |
| 12 | 3.57 | 3.90 | 5.12 | 2.81 | 2.14 | 2.97 | 2.83 | 3.60 | 1.84 | 1.32 | 0.90 | 1.76 |
| 13 | 3.44 | 3.79 | 4.97 | 2.82 | 2.20 | 3.05 | 2.80 | 4.16 | 1.76 | 0.82 | 0.98 | 1.79 |
| 14 | 3.14 | 3.67 | 4.80 | 2.87 | 2.32 | 3.67 | 2.76 | 4.02 | 1.71 | 0.89 | 1.07 | 1.69 |
| 15 | 3.22 | 3.62 | 4.62 | 2.90 | 2.17 | 4.31 | 2.63 | 3.75 | 1.61 | 1.07 | 1.25 | 1.89 |
| 16 | 3.22 | 4.60 | 4.48 | 2.86 | 2.09 | 4.35 | 2.47 F | 3.33 | 1.61 | 1.14 | 1.75 | 1.75 |
| 17 | 3.84 | 4.70 | 4.76 | 2.84 | 1.82 | 4.41 | 2.47 | 3.14 | 1.73 | 1.22 | 2.53 | 1.78 |
| 18 | 4.70 | 4.62 | 4.78 | 2.70 | 1.82 | 4.64 | 2.37 F | 2.41 | 1.81 | 1.14 | 2.42 | 1.40 |
| 19 | 5.21 | 4.54 | 4.97 | 2.62 | 1.83 | 4.60 | 2.42 | 2.21 | 1.86 | 1.11 | 2.32 | 1.48 |
| 20 | 5.24 | 4.42 | 5.00 | 2.62 | 1.80 | 4.44 | 2.52 | 1.81 | 1.80 | 1.21 | 1.94 | 1.53 |
| 21 | 5.17 | 4.34 | 4.96 | 2.58 | 1.80 | 4.24 | 2.47 | 1.70 | 1.59 | 1.32 | 1.65 | 1.78 |
| 22 | 5.54 | 4.67 | 4.86 | 2.40 | 1.82 | 4.14 | 2.65 | 1.51 | 1.60 | 0.93 | 1.43 | 2.31 |
| 23 | 5.60 | 4.90 | 4.76 | 2.20 | 1.80 | 4.10 | 2.72 | 1.43 | 1.50 | 1.14 | 1.48 | 2.48 |
| 24 | 5.47 | 4.94 | 5.16 | 2.12 | 1.92 | 3.92 | 2.73 | 1.50 | 1.42 | 1.40 | 1.58 | 2.47 |
| 25 | 5.34 | 5.16 | 5.37 | 2.04 | 2.00 | 3.84 | 2.72 | 1.55 | 1.61 | 1.50 | 1.68 | 2.30 |
| 26 | 5.24 | 5.40 | 5.32 | 1.90 | 2.52 | 3.64 | 2.89 | 1.82 | 1.72 | 1.42 | 1.90 | 2.39 |
| 27 | 5.14 | 5.74 | 5.26 | 1.89 | 2.54 | 3.44 | 2.73 | 1.83 | 1.80 | 1.70 | 1.81 | 2.62 |
| 28 | 5.00 | | 5.16 | 1.90 | 2.64 | 3.20 | 2.72 | 1.75 | 1.77 | 1.23 | 1.80 | 2.48 |
| 29 | 4.82 | ----- | 5.02 | 1.92 | 2.74 | 3.04 | 2.54 | 1.71 | 1.80 | 1.15 | 1.81 | 2.16 |
| 30 | 4.72 | ----- | 4.89 | 2.02 | 2.74 | 3.02 | 2.43 | 1.77 | 1.63 | 1.23 | 1.73 | 2.20 |
| 31 | 4.62 | ----- | 4.80 | ----- | 2.84 | ----- | 2.37 | 1.88 | ----- | 1.10 | ----- | 1.87 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.48 | 4.43 | 5.15 | 2.91 | 2.20 | 3.44 | 2.77 | 2.23 | 1.74 | 1.25 | 1.60 | 1.90 |
| MAX | 5.60 | 5.74 | 5.94 | 4.62 | 2.84 | 4.64 | 3.47 | 4.16 | 2.03 | 1.70 | 2.53 | 2.62 |
| MIN | 3.14 | 3.62 | 4.36 | 1.89 | 1.80 | 2.52 | 2.37 | 1.43 | 1.42 | 0.82 | 0.90 | 1.40 |
| DAYS | 31 | 27 | 29 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 362

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.82.

HIGHEST STAGE (FROM INCOMPLETE RECORD) WAS 5.94 AT 9:35 P. M. ON MAR 3.

LOWEST STAGE WAS 0.73 ON NOV 12.

DAILY STAGE FOR 1987

BAYOU GROSSE TETE AT FRISCOVILLE, LA.

LOCATION. LAT. 30-35-06, LONG. 91-31-31. HIGHWAY 78 BRIDGE, 2.5 MILES NORTHEAST OF LIVONIA, LA.
(STA. 52320128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 21, 1956, TO DATE.

EXTREMES. HIGHEST, 19.09 FEET ON APR. 8, 1983. LOWEST, CHANNEL DRY ON SEP. 13, 1963 AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|-------|-------|--------|--------|-------|
| 1 | 7.84 | 10.10 | 16.08 | 8.20 | 7.24 | 7.12 | 7.60 | 7.16 | 7.60 | 7.15 | 7.03 | 7.12 |
| 2 | 7.78 | 9.00 | 15.72 | 8.08 | 7.20 | 7.12 | 7.58 | 7.12 | 7.54 | 7.14 | 7.02 | 7.11 |
| 3 | 7.68 | 8.64 | 15.36 | 7.98 | 7.20 | 7.12 | 7.50 | 7.12 | 7.49 | 7.11 | 7.02 | 7.09 |
| 4 | 12.00 | 8.40 | 14.90 | 7.88 | 7.20 | 7.12 | 7.42 | 7.13 | 7.42 | 7.10 | 7.02 | 7.08 |
| 5 | 11.29 | 8.36 | 14.40 | 7.80 | 7.20 | 7.12 | 7.40 | 7.19 | 7.42 | 7.09 | 7.02 | 7.07 |
| 6 | 10.19 | 8.68 | 13.76 | 7.72 | 7.22 | 7.12 | 7.36 | 7.23 | 7.41 | 7.10 | 7.01 | 7.05 |
| 7 | 8.82 | 11.00 | 12.72 | 7.70 | 7.20 | 7.12 | 7.38 | 7.24 | 7.38 | 7.10 | 7.00 | 7.17 |
| 8 | 8.10 | 10.04 | 12.25 | 7.68 | 7.20 | 7.12 | 7.60 | 7.21 | 7.34 | 7.09 | 7.00 | 7.49 |
| 9 | 7.91 | 8.92 | 12.70 | 7.60 | 7.20 | 7.12 | 7.54 | 7.20 | 7.31 | 7.09 | 7.08 | 7.26 |
| 10 | 7.88 | 8.28 | 11.68 | 7.52 | 7.22 | 7.13 | 7.43 | 7.22 | 7.30 | 7.09 | 7.17 | 7.19 |
| 11 | 7.82 | 8.08 | 10.30 | 7.50 | 7.33 | 7.15 | 7.35 | 7.61 | 7.31 | 7.09 | 7.15 | 7.13 |
| 12 | 7.65 | 7.98 | 9.20 | 7.45 | 7.28 | 7.15 | 7.32 | 11.90 | 7.31 | 7.08 | 7.10 | 7.13 |
| 13 | 7.68 | 7.88 | 8.52 | 7.44 | 8.32 | 7.15 | 7.28 | 14.05 | 7.30 | 7.08 | 7.08 | 7.12 |
| 14 | 7.68 | 7.82 | 8.25 | 8.04 | 7.72 | 9.98 | 7.30 | 13.85 | 7.27 | 7.06 | 7.05 | 7.12 |
| 15 | 7.88 | 7.78 | 8.14 | 7.88 | 7.42 | 12.27 | 7.29 | 13.08 | 7.28 | 7.05 | 7.03 | 7.12 |
| 16 | 8.18 | 12.38 | 8.04 | 7.68 | 7.30 | 12.35 | 7.27 | 11.70 | 7.29 | 7.05 | 7.02 | 7.12 |
| 17 | 11.85 | 11.10 | 7.99 | 7.58 | 7.25 | 10.82 | 7.25 | 10.13 | 7.29 | 7.04 | 7.82 | 7.11 |
| 18 | 15.30 | 9.58 | 14.58 | 7.50 | 7.23 | 10.88 | 7.22 | 8.69 | 7.42 | 7.02 | 7.33 | 7.10 |
| 19 | 15.88 | 8.45 | 14.08 | 7.45 | 7.24 | 9.32 | 7.20 | 8.18 | 7.44 | 7.00 | 7.13 | 7.10 |
| 20 | 15.84 | 8.10 | 13.47 | 7.42 | 7.22 | 8.02 | 7.29 | 8.03 | 7.36 | 7.00 | 7.08 | 7.14 |
| 21 | 15.55 | 9.65 | 12.42 | 7.42 | 7.20 | 7.75 | 7.22 | 7.90 | 7.31 | 7.00 | 7.04 | 7.80 |
| 22 | 16.10 | 14.48 | 11.00 | 7.38 | 7.18 | 10.12 | 7.19 | 7.78 | 7.30 | 7.00 | 7.02 F | 10.79 |
| 23 | 15.82 | 14.12 | 9.45 | 7.38 | 7.18 | 8.96 | 7.18 | 7.77 | 7.30 | 6.98 | 7.00 | |
| 24 | 15.45 | 13.65 | 14.30 | 7.32 | 7.20 | 7.92 | 7.17 | 7.67 | 7.29 | 6.96 | 7.01 | |
| 25 | 15.50 | 14.52 | 14.02 | 7.30 | 7.20 | 7.72 | 7.14 | 7.61 | 7.28 | 6.92 | 7.02 | |
| 26 | 15.20 | 15.00 | 13.40 | 7.28 | 7.20 | 7.62 | 7.13 | 7.56 | 7.25 | 6.92 | 7.03 | |
| 27 | 14.88 | 15.30 | 12.28 | 7.27 | 7.18 | 7.55 | 7.29 | 7.49 | 7.18 | 7.11 F | 7.04 | |
| 28 | 14.40 | 15.95 | 10.78 | 7.28 | 7.18 | 7.50 | 7.60 | 7.47 | 7.15 | 7.13 | F | 7.40 |
| 29 | 13.82 | ----- | 9.25 | 7.26 | 7.18 | 7.46 | 7.38 | 7.42 | 7.14 | 7.12 | | 7.32 |
| 30 | 12.90 | ----- | 8.60 | 7.28 | 7.15 | 7.42 | 7.21 | 7.90 | 7.16 | 7.11 F | 7.17 | 7.28 |
| 31 | 11.60 | ----- | 8.35 | ----- | 7.15 | ----- | 7.18 | 7.71 | ----- | 7.08 | ----- | 7.25 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|-------|------|-------|------|------|------|-------|
| MEAN | 11.50 | 10.47 | 11.81 | 7.58 | 7.27 | 8.21 | 7.33 | 8.49 | 7.33 | 7.06 | 7.09 | 7.33 |
| MAX | 16.10 | 15.95 | 16.08 | 8.20 | 8.32 | 12.35 | 7.60 | 14.05 | 7.60 | 7.15 | 7.82 | 10.79 |
| MIN | 7.65 | 7.78 | 7.99 | 7.26 | 7.15 | 7.12 | 7.13 | 7.12 | 7.14 | 6.92 | 7.00 | 7.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 28 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 358

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.47.

HIGHEST STAGE WAS 16.28 AT 2:00 P.M. ON FEB. 28.

LOWEST STAGE WAS 6.92 ON OCT 25 THRU 26.

DAILY STAGE FOR 1987

FALSE RIVER AT NEW ROADS, LA.

LOCATION. LAT. 30-41-28, LONG. 91-26-18. ON NORTH BANK AT TROPICAL GARDENS BOAT LANDING, ONE MILE EAST OF MOUTH OF PATIN SLOUGH. (STA. 5233009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. PRIOR TO FEB. 15, 1966, GAGE WAS MAINTAINED BY U. S. GEOLOGICAL SURVEY AND DATUM OF GAGE WAS 13.32 FEET HIGHER THAN PRESENT DATUM.

RECORDS AVAILABLE. STAGE, AUG. 13, 1963, TO DATE.

EXTREMES. HIGHEST, 21.10 FEET (FROM INCOMPLETE RECORD) ON APR. 24, 1979. LOWEST, 14.60 FEET ON OCT. 29, 1976.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 16.70 | 17.48 | | 17.20 | 15.95 | 15.73 | 16.50 | 15.72 | 16.52 | 15.60 | 15.32 | 15.46 |
| 2 | 16.65 | 17.40 | | 17.10 | 15.95 | 15.73 | 16.50 | 15.70 | 16.49 | 15.60 | 15.32 | 15.45 |
| 3 | 16.55 | 17.32 | 18.52 | 17.00 | 15.90 | 15.68 | 16.50 | 15.70 | 16.40 | 15.57 | 15.32 | 15.45 |
| 4 | 16.70 | 17.20 | | 16.90 | 15.90 | 15.65 | 16.45 | 15.70 | 16.35 | 15.53 | 15.30 | 15.44 |
| 5 | 16.70 | 17.15 | | 16.80 | 15.93 | 15.62 | 16.40 | 15.70 | 16.30 | 15.52 | 15.30 | 15.42 |
| 6 | 16.70 | 17.10 | | 16.75 | 15.90 | 15.60 | 16.35 | 15.82 | 16.22 | 15.50 | 15.30 | 15.41 |
| 7 | 16.70 | 17.10 | | 16.70 | 15.90 | 15.55 | 16.25 | 15.83 | 16.21 | 15.48 | 15.30 | 15.55 |
| 8 | 16.60 | 17.08 | | 16.62 | 15.90 | 15.55 | 16.24 | 15.81 | 16.14 | 15.47 | 15.28 | 15.52 |
| 9 | 16.60 | 16.98 | | 16.60 | 15.90 | 15.62 | 16.20 | 15.80 | 16.10 | 15.46 | 15.30 | 15.50 |
| 10 | 16.55 | 16.94 | 17.76 | 16.58 | 15.90 | 15.66 | 16.17 | 15.80 | 16.06 | 15.40 | 15.33 | 15.53 |
| 11 | 16.50 | 16.90 | | 16.55 | 15.95 | 15.65 | 16.11 | 15.99 | 16.00 | 15.40 | 15.32 | 15.52 |
| 12 | 16.45 | 16.82 | | 16.50 | 15.93 | 15.65 | 16.10 | 16.75 | 16.00 | 15.40 | 15.32 | 15.49 |
| 13 | 16.43 | 16.80 | | 16.53 | 16.00 | 15.65 | 16.06 | | 15.98 | 15.38 | 15.31 | 15.54 |
| 14 | 16.40 | 16.70 | | 16.53 | 16.00 | 16.25 | 16.05 | | 15.92 | 15.35 | 15.30 | 15.54 |
| 15 | 16.40 | 16.65 | | 16.50 | 16.00 | 16.55 | 16.00 | | 15.90 | 15.34 | 15.30 | 15.51 |
| 16 | 16.45 | 16.90 | | | 15.95 | 16.70 | 15.98 | | 15.88 | 15.33 | 15.28 | 15.50 |
| 17 | 16.50 | 17.00 | 17.02 | | 15.95 | 16.75 | 15.93 | | 15.88 | 15.32 | 15.47 | 15.49 |
| 18 | 17.12 | 16.95 | | | 15.92 | 16.75 | 15.90 | 17.49 | 15.90 | 15.33 | 15.43 | 15.47 |
| 19 | 17.60 | 16.90 | | | 15.90 | 16.70 | 15.89 | 17.37 | 15.91 | 15.33 | 15.43 | 15.48 |
| 20 | 17.80 | 16.80 | | | 15.90 | 16.70 | 15.90 | 17.23 | 15.90 | 15.30 | 15.42 | 15.50 |
| 21 | 17.88 | 16.89 | | 16.26 | 15.90 | 16.65 | 15.87 | 17.13 | 15.89 | 15.30 | 15.40 | 15.65 |
| 22 | 18.15 | 17.18 | | 16.20 | 15.85 | 16.90 | 15.85 | 17.00 | 15.80 | 15.30 | 15.40 | 15.82 |
| 23 | 18.20 | 17.30 | | 16.20 | 15.85 | 16.95 | 15.83 | 16.98 | 15.78 | 15.30 | 15.40 | 15.83 |
| 24 | 18.18 | 17.35 | 17.85 | 16.15 | 15.82 | 16.90 | 15.81 | 16.89 | 15.73 | 15.28 | 15.40 | 15.86 |
| 25 | 18.20 | 17.52 | 17.90 | 16.10 | 15.80 | 16.85 | 15.80 | 16.78 | | 15.28 | 15.40 | 15.87 |
| 26 | 18.20 | 17.75 | 17.80 | 16.08 | 15.84 | 16.75 | 15.78 | 16.69 | | 15.28 | 15.40 | 15.88 |
| 27 | 18.14 | 17.95 | 17.70 | 16.05 | 15.80 | 16.65 | 15.79 | 16.61 | | 15.40 | 15.40 | 15.88 |
| 28 | 18.02 | | 17.60 | 16.03 | 15.80 | 16.60 | 15.81 | 16.53 | | 15.40 | 15.49 | 15.85 |
| 29 | 17.90 | ----- | 17.50 | 16.00 | 15.80 | 16.50 | 15.80 | 16.48 | 15.66 | 15.39 | 15.49 | 15.82 |
| 30 | 17.78 | ----- | 17.32 | 16.00 | 15.78 | 16.48 | 15.80 | 16.60 | 15.65 | 15.37 | 15.48 | 15.82 |
| 31 | 17.60 | ----- | 17.28 | ----- | 15.75 | ----- | 15.75 | 16.60 | ----- | 15.35 | ----- | 15.81 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.17 | 17.12 | 17.66 | 16.48 | 15.89 | 16.23 | 16.04 | 16.41 | 16.02 | 15.40 | 15.36 | 15.61 |
| MAX | 18.20 | 17.95 | 18.52 | 17.20 | 16.00 | 16.95 | 16.50 | 17.49 | 16.52 | 15.60 | 15.49 | 15.88 |
| MIN | 16.40 | 16.65 | 17.02 | 16.00 | 15.75 | 15.55 | 15.75 | 15.70 | 15.65 | 15.28 | 15.28 | 15.41 |
| DAYS | 31 | 27 | 11 | 25 | 31 | 30 | 31 | 26 | 26 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 330

THE MEAN STAGE FOR THE YEAR WAS 16.19

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 18.52 AT 8:00 A. M. ON MAR 3

LOWEST STAGE WAS 15.28 ON OCT 24 AND LATER DATE (S).

DAILY STAGE FOR 1987

103

BAYOU GROSSE TETE NEAR TORBERT, LA.

LOCATION. LAT. 30-34-06, LONG. 91-29-23. STATE HIGHWAY 978 BRIDGE, 1.1 MILES NORTH OF TORBERT.
(STA. 5234209.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 18, 1965, TO DATE.

EXTREMES. HIGHEST, 18.73 FEET ON APR. 8, 1983. LOWEST (FROM INCOMPLETE RECORD) 3.86 FEET ON
JUNE 1, 1965.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|-------|------|-------|------|-------|-------|------|-------|-------|
| 1 | 7.88 | 9.93 | 15.83 | 8.40 | 7.00 | 6.89 | 8.05 | 6.90 | 7.60 | 6.80 | 6.73 | 6.89 |
| 2 | 7.78 | 9.10 | 15.32 | 8.28 | 6.95 | 6.88 | 7.78 | 6.89 | 7.48 | 6.80 | 6.73 | 6.82 |
| 3 | 7.68 | 8.80 | 14.90 | 8.18 | 6.92 | 6.90 | 7.62 | 6.97 | 7.40 | 6.79 | 6.78 | 6.80 |
| 4 | 11.80 | 8.58 | 14.46 | 8.00 | 6.93 | 6.90 | 7.55 | 6.89 | 7.33 | 6.78 | 6.78 | 6.80 |
| 5 | 10.99 | 8.50 | 14.00 | 7.90 | 6.93 | 6.88 | 7.48 | 6.92 | 7.28 | 6.78 | 6.78 | 6.79 |
| 6 | 9.52 | 8.68 | 13.32 | 7.83 | 6.95 | 6.82 | 7.41 | 7.07 | 7.21 | 6.78 | 6.78 | 6.79 |
| 7 | 8.45 | 10.78 | 12.36 | 7.79 | 6.95 | 6.80 | 7.40 | 7.10 | 7.17 | 6.78 | 6.74 | 6.95 |
| 8 | 8.00 | 9.80 | 12.04 | 7.72 | 6.95 | 6.77 | 7.48 | 7.08 | 7.11 | 6.75 | 6.69 | 7.30 |
| 9 | 7.85 | 8.82 | 12.40 | 7.65 | 6.95 | 6.80 | 7.51 | 7.02 | 7.07 | 6.75 | 6.69 | 7.05 |
| 10 | 7.92 | 8.34 | 11.38 | 7.45 | 6.95 | 6.80 | 7.40 | 7.10 | 7.02 | 6.75 | 6.70 | 6.96 |
| 11 | 7.78 | 8.12 | 10.15 | 7.40 | 7.29 | 6.82 | 7.32 | 7.64 | 7.01 | 6.75 | 6.66 | 6.93 |
| 12 | 7.65 | 8.00 | 9.25 | 7.38 | 7.08 | 6.80 | 7.28 | | 7.00 | 6.75 | 6.62 | 6.92 |
| 13 | 7.56 | 7.91 | 8.73 | 7.37 | 8.55 | 6.82 | 7.21 | | 6.99 | 6.75 | 6.60 | 6.90 |
| 14 | 7.58 | 7.82 | 8.42 | 7.95 | 7.65 | 9.78 | 7.24 | | 6.98 | 6.74 | 6.58 | 6.91 |
| 15 | 7.83 | 7.80 | 8.30 | 7.80 | 7.30 | 11.80 | 7.21 | | 6.98 | 6.73 | 6.55 | 6.95 |
| 16 | 8.28 | 12.25 | 8.20 | 7.62 | 7.20 | 11.80 | 7.20 | | 6.96 | 6.72 | 6.54 | 6.91 |
| 17 | 11.55 | 10.84 | 8.20 | 7.52 | 7.15 | 10.50 | 7.15 | 10.10 | 6.95 | 6.71 | 7.37 | 6.90 |
| 18 | 15.18 | 9.38 | 14.78 | 7.42 | 7.07 | 10.70 | 7.09 | 9.10 | 7.10 | 6.71 | 7.04 | 6.90 |
| 19 | 15.50 | 8.48 | 13.84 | 7.38 | 7.05 | 9.30 | 7.04 | 8.70 | 7.25 | 6.70 | 6.80 | 6.88 |
| 20 | 15.34 | 8.15 | 13.20 | 7.35 | 7.02 | 8.54 | 7.09 | 8.50 | 7.07 | 6.70 | 6.74 | 6.94 |
| 21 | 15.00 | 9.48 | 12.10 | 7.32 | 7.00 | 8.10 | 7.10 | 8.29 | 7.00 | 6.70 | 6.71 | 7.55 |
| 22 | 15.82 | 14.60 | 10.65 | 7.28 | 6.98 | 9.93 | 7.05 | 8.09 | 6.98 | 6.70 | 6.70 | 10.32 |
| 23 | 15.42 | 13.86 | 9.42 | 7.25 | 7.00 | 8.95 | 7.02 | 8.01 | 6.94 | 6.70 | 6.67 | 8.25 |
| 24 | 15.02 | 13.25 | 14.38 | 7.20 | 7.00 | 8.18 | 7.00 | 7.91 | 6.90 | 6.69 | 6.70 | 7.40 |
| 25 | 15.18 | 14.28 | 13.78 | 7.18 | 7.00 | 7.98 | 6.99 | 7.80 | 6.90 | 6.68 | 6.69 | 7.25 |
| 26 | 14.80 | 14.85 | 13.14 | 7.10 | 7.00 | 7.85 | 6.96 | 7.70 | 6.89 | 6.66 | 6.70 | 7.20 |
| 27 | 14.38 | 15.03 | 12.08 | 7.07 | 6.98 | 7.75 | 7.00 | 7.60 | 6.82 | 6.79 | 6.70 | 7.30 |
| 28 | 13.89 | 16.12 | 10.60 | 7.06 | 6.95 | 7.68 | 7.10 | 7.50 | 6.80 | 6.79 | 7.20 | 7.22 |
| 29 | 13.33 | ----- | 9.30 | 7.04 | 6.92 | 7.58 | 7.10 | 7.43 | 6.80 | 6.81 | 7.05 | 7.19 |
| 30 | 12.40 | ----- F | 8.78 | 7.02 | 6.92 | 7.55 | 7.00 | 7.99 | 6.80 | 6.82 | 6.92 | 7.10 |
| 31 | 11.12 | ----- | 8.58 | ----- | 6.90 | ----- | 6.95 | 7.76 | ----- | 6.80 | ----- | 7.07 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|-------|------|-------|------|------|------|-------|
| MEAN | 11.24 | 10.41 | 11.67 | 7.53 | 7.08 | 8.09 | 7.25 | 7.69 | 7.06 | 6.75 | 6.76 | 7.17 |
| MAX | 15.82 | 16.12 | 15.83 | 8.40 | 8.55 | 11.80 | 8.05 | 10.10 | 7.60 | 6.82 | 7.37 | 10.32 |
| MIN | 7.56 | 7.80 | 8.20 | 7.02 | 6.90 | 6.77 | 6.95 | 6.89 | 6.80 | 6.66 | 6.54 | 6.79 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 26 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 360

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.23.

HIGHEST STAGE WAS 16.40 AT NOON FEB 28.

LOWEST STAGE WAS 6.54 ON NOV 16.

DAILY STAGE FOR 1987

BAYOU GROSSE TETE AT LIVONIA, LA.

LOCATION. LAT. 30-33-32, LONG. 91-33-24. BRIDGE IN FRONT OF LIVONIA HIGH SCHOOL. (STA. 52356128.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 19, 1965, TO DATE.

EXTREMES. HIGHEST, 18.58 FEET ON APR. 8, 1983. LOWEST, 2.05 FEET (FROM INCOMPLETE RECORD) ON JUN. 29, 1965.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|-------|-------|--------|--------|-------|
| 1 | 7.54 | 9.62 | 15.60 | 7.76 | 7.20 | 7.13 | 7.48 | 7.15 | 7.42 | 7.14 | 7.06 | 7.10 |
| 2 | 7.50 | 8.42 | 15.20 | 7.68 | 7.20 | 7.12 | 7.42 | 7.12 | 7.40 | 7.14 | 7.05 | 7.08 |
| 3 | 7.45 | 7.98 | 14.80 | 7.62 | 7.19 | 7.12 | 7.40 | 7.13 | 7.38 | 7.13 | 7.00 | 7.07 |
| 4 | 11.08 | 7.85 | 14.35 | 7.60 | 7.19 | 7.12 | 7.38 | 7.12 | 7.35 | 7.12 | 7.00 | 7.07 |
| 5 | 10.85 | 7.85 | 13.84 | 7.52 | 7.18 | 7.12 | 7.32 | 7.16 | 7.32 | 7.11 | 7.00 | 7.07 |
| 6 | 9.40 | 8.00 | 13.20 | 7.50 | 7.20 | 7.12 | 7.32 | 7.20 | 7.31 | 7.11 | 7.00 | 7.05 |
| 7 | 8.10 | 10.28 | 12.20 | 7.48 | 7.18 | 7.12 | 7.32 | 7.20 | 7.30 | 7.10 | 7.00 | 7.15 |
| 8 | 7.70 | 9.50 | 11.76 | 7.45 | 7.18 | 7.12 | 7.50 | 7.20 | 7.29 | 7.10 | 7.00 | 7.40 |
| 9 | 7.60 | 8.36 | 12.12 | 7.41 | 7.20 | 7.10 | 7.45 | 7.16 | 7.29 | 7.10 | 7.09 | 7.22 |
| 10 | 7.62 | 7.88 | 11.20 | 7.39 | 7.20 | 7.12 | 7.38 | 7.17 | 7.28 | 7.10 | 7.17 | 7.15 |
| 11 | 7.58 | 7.78 | 9.82 | 7.38 | 7.30 | 7.12 | 7.33 | 7.48 | 7.28 | 7.10 | 7.13 | 7.13 |
| 12 | 7.50 | 7.70 | 8.70 | 7.32 | 7.22 | 7.12 | 7.30 | 10.70 | 7.28 | 7.10 | 7.10 | 7.12 |
| 13 | 7.48 | 7.64 | 7.98 | 7.32 | 7.90 | 7.13 | 7.29 | 13.55 | 7.27 | 7.09 | 7.07 | 7.11 |
| 14 | 7.48 | 7.58 | 7.80 | 7.62 | 7.55 | 9.30 | 7.27 | 13.42 | 7.27 | 7.08 | 7.05 | 7.10 |
| 15 | 7.60 | 7.55 | 7.74 | 7.55 | 7.32 | 11.72 | 7.25 | 12.69 | 7.25 | 7.08 | 7.03 | 7.11 |
| 16 | 7.75 | 11.80 | 7.68 | 7.42 | 7.26 | 11.78 | 7.22 | 11.31 | 7.27 | 7.04 | 7.02 | 7.10 |
| 17 | 11.15 | 10.75 | 7.68 | 7.38 | 7.20 | 10.48 | 7.21 | 9.65 | 7.26 | 7.03 | 7.63 | 7.10 |
| 18 | 14.55 | 9.15 | 13.70 | 7.35 | 7.20 | 10.48 | 7.21 | 8.03 | 7.38 | 7.02 | 7.30 | 7.10 |
| 19 | 15.30 | 7.95 | 13.60 | 7.32 | 7.20 | 8.98 | 7.20 | 7.73 | 7.40 | 7.00 | 7.11 | 7.10 |
| 20 | 15.28 | 7.72 | 13.00 | 7.30 | 7.20 | 7.80 | 7.29 | 7.67 | 7.32 | 7.00 | 7.05 | 7.14 |
| 21 | 15.00 | 8.80 | 11.95 | 7.28 | 7.18 | 7.62 | 7.23 | 7.60 | 7.30 | 7.00 | 7.04 F | 7.75 |
| 22 | 15.52 | 13.68 | 10.52 | 7.25 | 7.18 | 9.28 | 7.20 | 7.53 | 7.29 | 7.00 | 7.03 | 10.07 |
| 23 | 15.30 | 13.68 | 8.94 | 7.25 | 7.18 | 8.50 | 7.20 | 7.54 | 7.28 | 7.00 | 7.02 | 8.20 |
| 24 | 14.90 | 13.04 | 13.58 | 7.22 | 7.18 | 7.60 | 7.20 | 7.50 | 7.25 | 6.99 | 7.00 | 7.49 |
| 25 | 14.92 | 13.85 | 13.54 | 7.20 | 7.18 | 7.48 | 7.19 | 7.45 | 7.25 | 6.95 | 7.00 | 7.39 |
| 26 | 14.70 | 14.38 | 12.94 | 7.20 | 7.18 | 7.40 | 7.18 | 7.40 | 7.25 | 6.94 | 7.01 | 7.32 |
| 27 | 14.28 | 14.78 | 11.85 | 7.20 | 7.16 | 7.38 | 7.28 | 7.39 | 7.18 | 7.12 | 7.03 | 7.42 |
| 28 | 13.80 | 15.54 | 10.38 | 7.20 | 7.13 | 7.35 | 7.50 | 7.38 | 7.17 | 7.13 | 7.38 | 7.34 |
| 29 | 13.20 | ----- | 8.80 | 7.20 | 7.13 | 7.32 | 7.33 | 7.34 | 7.15 | 7.11 F | 7.16 | 7.30 |
| 30 | 12.35 | ----- | 8.00 | 7.20 | 7.10 | 7.35 | 7.20 | ----- | 7.15 | 7.10 F | 7.16 | 7.25 |
| 31 | 11.00 | ----- | 7.85 | ----- | 7.10 | ----- | 7.17 | 7.54 | ----- | 7.09 | ----- | 7.24 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|-------|------|-------|------|------|------|-------|
| MEAN | 11.02 | 9.97 | 11.30 | 7.39 | 7.22 | 8.01 | 7.30 | 8.28 | 7.29 | 7.07 | 7.09 | 7.33 |
| MAX | 15.52 | 15.54 | 15.60 | 7.76 | 7.90 | 11.78 | 7.50 | 13.55 | 7.42 | 7.14 | 7.63 | 10.07 |
| MIN | 7.45 | 7.55 | 7.68 | 7.20 | 7.10 | 7.10 | 7.17 | 7.12 | 7.15 | 6.94 | 7.00 | 7.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 30 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 8.27.

HIGHEST STAGE WAS 15.70 AT 8:00 P. M. ON FEB 28.

LOWEST STAGE WAS 6.90 ON OCT 26.

DAILY STAGE FOR 1987

BAYOU GROSSE TETE AT ROSEDALE, LA.

LOCATION. LAT. 30-26-33, LONG. 91-27-06. STATE HIGHWAY 76 BRIDGE. (STA. 5236009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION GAGE READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY SINCE JUN. 15, 1983.

RECORDS AVAILABLE. FEB. 19, 1965 TO JUN. 21, 1972 AND JUN. 23, 1973 TO DATE.

EXTREMES. HIGHEST, 14.35 FEET ON APR. 8, 1983. LOWEST, MINUS 0.12 FOOT ON OCT. 29, 1987.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.82 | 5.88 | 10.56 | 4.09 | 1.17 | 1.70 | 2.45 | 1.03 | 1.65 | | 0.14 | 0.52 |
| 2 | 3.57 | 5.08 | 10.23 | 3.80 | 1.18 | 1.60 | 2.64 | 0.87 | 1.39 | | | 0.42 |
| 3 | 3.62 | 4.61 | 9.88 | 3.58 | 1.13 | 1.50 | 2.39 | 0.74 | 1.06 | | 0.11 | 0.50 |
| 4 | 6.25 | 4.19 | 9.51 | 3.37 | 1.17 | 1.45 | 2.15 | 0.64 | 0.86 | | 0.14 | 0.52 |
| 5 | 6.75 | 3.97 | 9.12 | 3.14 | 1.25 | 1.68 | 1.95 | 0.70 | 0.78 | | 0.22 | 0.37 |
| 6 | 5.83 | 4.36 | 8.66 | 2.96 | 1.31 | 1.54 | 1.84 | 0.89 | 0.87 | | 0.26 | 0.41 |
| 7 | 4.91 | 5.88 | 8.02 | 2.77 | 1.36 | 1.61 | 2.04 | 0.98 | 0.93 | | 0.23 | 0.65 |
| 8 | 4.14 | 5.64 | 7.66 | 2.58 | 1.22 | 1.74 | 2.13 | 1.01 | 0.85 | | 0.41 | 0.93 |
| 9 | 3.69 | 4.86 | 7.81 | 2.40 | 1.23 | 1.92 | 2.18 | 1.06 | 0.77 | | 0.52 | 0.97 |
| 10 | 3.50 | 4.07 | 7.24 | 2.22 | 1.32 | 1.96 | 1.94 | 1.51 | 0.69 | | 0.67 | 0.93 |
| 11 | 3.29 | 3.59 | 6.31 | 2.09 | 1.32 | 1.95 | 1.83 | 2.71 | 0.70 | | 0.47 | 0.73 |
| 12 | 3.00 | 3.33 | 5.51 | 1.92 | 1.18 | 1.96 | 1.79 | 6.25 | 0.76 | | | 0.68 |
| 13 | 2.74 | 3.13 | 4.93 | 1.89 | 1.97 | 2.45 | 1.70 | 8.35 | 0.69 | | | 0.66 |
| 14 | 2.61 | 2.96 | 4.45 | 2.24 | 2.07 | 5.72 | 1.71 | 8.26 | 0.63 | | | 0.64 |
| 15 | 2.74 | 4.11 | 4.14 | 2.39 | 1.52 | 7.34 | 1.52 | 7.74 | 0.52 | | | 0.76 |
| 16 | 3.64 | 7.27 | 3.90 | 2.18 | 1.19 | 7.17 | 1.36 | 6.84 | 0.50 | | 0.74 | 0.62 |
| 17 | 6.93 | 6.79 | 3.99 | 2.02 | 0.93 | 6.83 | 1.33 | 5.63 | 0.74 | | 1.62 | 0.60 |
| 18 | 9.43 | 5.68 | 7.96 | 1.86 | 0.87 | 6.90 | 1.30 | 4.30 | 0.93 | | 1.51 | 0.39 |
| 19 | 9.98 | 4.76 | 8.74 | 1.75 | 0.81 | 5.81 | 1.34 | 3.01 | 1.00 | | 1.13 | 0.39 |
| 20 | 9.93 | 4.14 | 8.34 | 1.72 | 0.73 | 4.65 | 1.46 | 2.22 | 0.87 | | 0.77 | 0.50 |
| 21 | 9.92 | 5.13 | 7.64 | 1.66 | 0.78 | 3.92 | 1.36 | 1.76 | 0.60 | | 0.49 | 1.52 |
| 22 | 10.36 | 8.09 | 6.62 | 1.48 | 0.78 | 5.11 | 1.52 | 1.45 | 0.53 | | 0.34 | 4.90 |
| 23 | 10.16 | 8.74 | 5.86 | 1.26 | 0.75 | 5.09 | 1.56 | 1.29 | 0.46 | | 0.38 | 4.17 |
| 24 | 9.85 | 8.51 | 8.32 | 1.13 | 0.88 | 3.86 | 1.58 | 1.22 | 0.47 | | 0.45 | 2.47 |
| 25 | 9.78 | 8.99 | 8.86 | 1.07 | 1.11 | 3.17 | 1.58 | 1.11 | 0.56 | | 0.57 | 1.65 |
| 26 | 9.60 | 9.52 | 8.44 | 0.91 | 1.45 | 2.83 | 1.72 | 1.13 | 0.66 | 0.41 | 0.69 | 1.51 |
| 27 | 9.28 | 9.96 | 7.71 | 0.86 | 1.55 | 2.54 | 1.64 | 1.10 | 0.64 | 0.44 | 0.67 | 1.76 |
| 28 | 8.92 | 10.47 | 6.66 | 0.89 | 1.59 | 2.29 | 1.75 | 1.01 | 0.62 | 0.07 | 0.88 | 1.58 |
| 29 | 8.49 | ----- | 5.60 | 0.91 | 1.75 | 2.11 | 1.65 | 1.01 | 0.49 | | 0.98 | 1.26 |
| 30 | 7.85 | ----- | 4.93 | 1.06 | 1.74 | 2.13 | 1.35 | 1.54 | | | 0.68 | 1.13 |
| 31 | 6.92 | ----- | 4.46 | ----- | 1.75 | ----- | 1.21 | 1.82 | ----- | | ----- | 0.92 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 6.50 | 5.85 | 7.16 | 2.07 | 1.26 | 3.35 | 1.74 | 2.55 | 0.77 | 0.31 | 0.60 | 1.13 |
| MAX | 10.36 | 10.47 | 10.56 | 4.09 | 2.07 | 7.34 | 2.64 | 8.35 | 1.65 | 0.44 | 1.62 | 4.90 |
| MIN | 2.61 | 2.96 | 3.90 | 0.86 | 0.73 | 1.45 | 1.21 | 0.64 | 0.46 | 0.07 | 0.11 | 0.37 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 3 | 25 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 331
 THE MEAN STAGE FOR THE YEAR WAS 3.01.
 HIGHEST STAGE WAS 10.70 AT 10:15 A.M. ON FEB 28.
 LOWEST STAGE WAS MINUS 0.12 ON OCT 29.

DAILY STAGE FOR 1987

CHOCTAW BAYOU NEAR ROSEDALE, LA.

LOCATION. LAT. 30-28-36. LONG. 91-23-16. STATE HIGHWAY 76 BRIDGE OVER BAYOU CHAPLIN, 4.6 MILES
NORTHEAST OF ROSEDALE. (STA. 5239009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 19, 1965, TO DATE.

EXTREMES. HIGHEST 13.81 FEET ON APR. 23, 1979. LOWEST, 0.28 FOOT ON JAN. 18, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.10 | 5.20 | 8.05 | 5.15 | 2.80 | 3.35 | 3.80 | 2.88 | 2.82 | 1.85 | 1.96 | 2.15 |
| 2 | 4.95 | 5.10 | 7.25 | 4.90 | 2.98 | 3.32 | 4.15 | 2.65 | 2.58 | 1.72 | 1.93 | 2.50 |
| 3 | 4.78 | 4.99 | 7.00 | 4.83 | 2.65 | 3.20 | 3.90 | 2.48 | 2.28 | 2.02 | 1.98 | 2.45 |
| 4 | 5.70 | 4.90 | 6.80 | 4.65 | 2.90 | 3.00 | 3.68 | 2.61 | 2.19 | 1.82 | 1.99 | 2.15 |
| 5 | 5.30 | 4.80 | 6.65 | 4.50 | 2.91 | 3.50 | 3.50 | 2.49 | 2.21 | 1.83 | 2.11 | 2.08 |
| 6 | 5.15 | 4.75 | 6.45 | 4.40 | 2.92 | 3.10 | 3.40 | 2.54 | 2.41 | 1.98 | 2.10 | 2.08 |
| 7 | 5.10 | 4.88 | 6.35 | 4.30 | 3.20 | 3.10 | 3.57 | 2.50 | 2.51 | 1.77 | 2.07 | 2.35 |
| 8 | 4.90 | 4.90 | 6.42 | 3.97 | 2.85 | 3.55 | 3.62 | 2.49 | 2.45 | 1.84 | 2.00 | 2.35 |
| 9 | 4.75 | 4.68 | 6.45 | 3.85 | 2.85 | 3.65 | 3.65 | 2.80 | 2.39 | 1.87 | 2.15 | 2.43 |
| 10 | 4.60 | 4.70 | 6.25 | 3.65 | 3.10 | 3.65 | 3.50 | 3.21 | 2.32 | 1.96 | 2.50 | 2.71 |
| 11 | 4.45 | 4.55 | 5.95 | 3.68 | 2.85 | 3.60 | 3.40 | 3.90 | 2.36 | 1.88 | 1.90 | 2.38 |
| 12 | 4.22 | 4.45 | 5.70 | 3.42 | 2.75 | 3.70 | 3.45 | 6.40 | 2.48 | 1.82 | 1.46 | 2.39 |
| 13 | 4.00 | 4.25 | 5.50 | 3.50 | 3.00 | 3.82 | 3.32 | 6.33 | 2.40 | 1.38 | 1.63 | 2.42 |
| 14 | 3.90 | 4.20 | 5.30 | 3.48 | 3.00 | 5.48 | 3.20 | 5.07 | 2.40 | 1.48 | 1.70 | 2.28 |
| 15 | 3.88 | 4.28 | 5.30 | 3.65 | 3.00 | 5.52 | 3.15 | 4.50 | 2.27 | 1.70 | 1.88 | 2.52 |
| 16 | 4.15 | 8.11 | 5.00 | 3.60 | 2.75 | 5.28 | 3.05 | 4.26 | 2.16 | 1.70 | 2.48 | 2.30 |
| 17 | 5.05 | 5.65 | 4.90 | 3.55 | 2.50 | 5.20 | 3.35 | 3.73 | 2.38 | 1.80 | 3.11 | 2.30 |
| 18 | 7.70 | 5.40 | 7.38 | 3.35 | 2.45 | 5.80 | 3.05 | 3.50 | 2.48 | 1.68 | 3.02 | 1.92 |
| 19 | 6.72 | 5.18 | 6.00 | 3.25 | 2.46 | 5.30 | 3.32 | 2.79 | 2.51 | 1.66 | 2.98 | 2.00 |
| 20 | 6.20 | 5.00 | 5.90 | 3.15 | 2.40 | 5.15 | 3.27 | 2.32 | 2.42 | 1.76 | 2.50 | 2.15 |
| 21 | 6.10 | 4.95 | 5.65 | 3.20 | 2.35 | 4.95 | 2.97 | 2.31 | 2.21 | 1.80 | 2.18 | 2.35 |
| 22 | 7.95 | 7.40 | 5.52 | 3.05 | 2.38 | 4.80 | 3.07 | 2.03 | 2.22 | 1.48 | 2.00 | 3.05 |
| 23 | 6.72 | 6.14 | 5.40 | 2.85 | 2.50 | 4.80 | 3.30 | 2.31 | 2.02 | 1.72 | 2.02 | 3.03 |
| 24 | 6.38 | 5.95 | 8.62 | 2.75 | 2.60 | 4.55 | 3.48 | 2.00 | 1.92 | 1.98 | 2.11 | 3.08 |
| 25 | 6.50 | 7.25 | 6.45 | 2.80 | 3.00 | 4.50 | 3.31 | 2.16 | 2.14 | 2.10 | 2.21 | 2.90 |
| 26 | 6.20 | 7.50 | 6.10 | 2.50 | 3.16 | 4.20 | 3.48 | 2.32 | 2.22 | 2.00 | 2.35 | 3.00 |
| 27 | 5.90 | 7.78 | 5.95 | 2.40 | 3.15 | 4.05 | 3.30 | 2.38 | 2.30 | 2.30 | 2.45 | 3.05 |
| 28 | 5.70 | 7.90 | 5.70 | 2.69 | 3.15 | 3.85 | 3.36 | 2.35 | 2.30 | 1.83 | 2.65 | 3.05 |
| 29 | 5.58 | ----- | 5.50 | 2.70 | 3.30 | 3.65 | 3.11 | 2.45 | 2.30 | 1.79 | 2.40 | 2.80 |
| 30 | 5.40 | ----- | 5.50 | 2.70 | 3.55 | 3.70 | 2.98 | 2.40 | 2.15 | 1.98 | 2.30 | 2.75 |
| 31 | 5.30 | ----- | 5.22 | ----- | 3.30 | ----- | 3.25 | 2.49 | ----- | 1.70 | ----- | 2.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 5.43 | 5.53 | 6.14 | 3.55 | 2.86 | 4.18 | 3.39 | 3.05 | 2.33 | 1.81 | 2.20 | 2.51 |
| MAX | 7.95 | 8.11 | 8.62 | 5.15 | 3.55 | 5.80 | 4.15 | 6.40 | 2.82 | 2.30 | 3.11 | 3.08 |
| MIN | 3.88 | 4.20 | 4.90 | 2.40 | 2.35 | 3.00 | 2.97 | 2.00 | 1.92 | 1.38 | 1.46 | 1.92 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 3.57.

HIGH STAGE WAS 9.60 AT 9:00 P.M. ON FEB. 15.

LOWEST STAGE WAS 1.18 ON OCT. 14.

DAILY STAGE FOR 1987

107

INTRACASTAL WATERWAY AT PORT ALLEN LOCK (LA.)

LOCATION. LAT. 30-25-55, LONG. 91-12-37. ON WEST END OF LOCK (MORGAN CITY-PORT ALLEN ROUTE),
1.5 MILES SOUTH OF PORT ALLEN, LA. (STA. 5241509.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON SEPT. 19, 1975 GAGE WAS RAISED 1.13 FEET TO AGREE WITH NEW BENCHMARK
ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU SEP. 18 WERE CORRECTED TO NEW DATUM.
PRIOR TO 1975 GAGE ZERO WAS MINUS 0.52 FOOT, NGVD.

RECORDS AVAILABLE. JULY 14, 1961, TO DATE.

EXTREMES. HIGHEST, 9.65 FEET ON APR. 13, 1980. LOWEST, 0.35 FOOT ON OCT. 14, 1987.
EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|------|-------|------|-------|--------|------|-------|------|-------|------|
| 1 | 4.16 | 4.46 | 6.16 | 3.86 | 1.66 | 2.41 | 2.83 | 1.91 | 2.16 | 0.96 | 1.02 | 1.35 |
| 2 | 4.01 | 4.26 | 5.76 | 4.26 | 1.76 | 2.43 | 3.16 | 1.69 | 1.72 | 0.86 | 1.03 | 1.18 |
| 3 | 3.86 | 4.13 F | 5.72 | 4.26 | 1.76 | 2.31 | 2.94 | 1.66 | 1.49 | 1.10 | 1.06 | 1.25 |
| 4 | 4.36 | 4.11 | 5.61 | 4.36 | 1.81 | 2.46 | 2.76 | 1.92 | 1.41 | 0.93 | 1.13 | 1.30 |
| 5 | 4.16 | 3.91 | 5.31 | 4.06 | 1.86 | 2.61 | 2.71 | 1.41 | 1.43 | 0.94 | 1.29 | 1.20 |
| 6 | 4.16 | 3.91 | 5.44 | 3.26 | 2.06 | 2.26 | 2.43 | 1.53 | 1.61 | 1.10 | 1.23 | 1.13 |
| 7 | 4.26 | 3.93 | 5.26 | 3.26 | 2.16 | 2.31 | 3.09 | 2.14 | 1.72 | 0.99 | 1.23 | 1.50 |
| 8 | 3.96 | 4.06 | 5.31 | 2.76 | 1.86 | 2.91 | 3.01 | 2.11 | 1.64 | 0.94 | 1.15 | 1.45 |
| 9 | 3.96 | 3.91 | 5.21 | 2.56 | 1.86 | 3.16 | 2.99 | 1.95 | 1.55 | 1.00 | 1.29 | 1.55 |
| 10 | 3.86 | 3.91 | 5.16 | 2.66 | 1.86 | 2.61 | 2.61 | 1.80 | 1.48 | 1.07 | 1.65 | 1.75 |
| 11 | 3.26 | 3.76 | 4.96 | 2.66 | 2.06 | 2.56 | 3.13 | 2.61 | 1.49 | 1.03 | 1.05 | 1.50 |
| 12 | 3.26 | 3.56 | 4.86 | 2.66 | 1.86 | 3.01 | 2.46 | 3.86 | 1.60 | 0.97 | 0.57 | 1.43 |
| 13 | F 3.14 | 3.51 | 4.66 | 2.46 | 1.86 | 2.76 | 2.51 F | 4.52 | 1.48 | 0.52 | 0.78 | 1.40 |
| 14 | 2.56 | 3.30 | 4.41 | 2.29 | 1.86 | 4.11 | 2.51 | 3.82 | 1.43 | 0.58 | 0.86 | 1.35 |
| 15 | 2.56 | 3.21 | 4.31 | 2.66 | 1.71 | 4.26 | 2.31 F | 3.56 | 1.35 | 0.75 | 1.04 | 1.57 |
| 16 | 2.76 | 4.76 | 4.01 | 2.46 | 1.71 | 4.26 | 2.31 | 3.18 | 1.24 | 0.79 | 1.51 | 1.55 |
| 17 | 3.36 | 4.46 | 3.91 | 2.26 | 1.56 | 4.16 | 2.21 | 2.81 | 1.42 | 0.91 | 2.30 | 1.50 |
| 18 | F 4.81 | 4.36 | 5.06 | 2.26 | 1.56 | 4.51 | 2.51 F | 2.34 | 1.55 | 0.83 | 2.14 | 1.50 |
| 19 | 4.76 | 4.21 | 4.86 | 2.26 | 1.46 | 4.36 | 2.26 | 2.00 | 1.61 | 0.83 | 2.10 | 1.20 |
| 20 | 4.96 | 4.06 | 4.46 | 2.06 | 1.76 | 4.11 | 2.26 | 1.53 | 1.55 | 0.87 | 1.64 | 1.30 |
| 21 | 4.86 | 4.01 | 4.66 | 2.06 | 2.01 | 3.81 | 2.16 | 1.25 | 1.34 | 0.89 | 1.30 | 1.58 |
| 22 | 5.56 | 4.61 | 4.26 | 2.06 | 1.48 | 3.96 | 2.34 | 1.21 | 1.31 | 0.57 | 1.15 | 2.08 |
| 23 | 5.46 | 4.71 | 4.06 | 1.76 | 1.56 | 3.86 | 2.41 | 1.24 | 1.19 | 0.76 | 1.16 | 2.13 |
| 24 | 5.46 | 4.76 | 5.16 | 2.06 | 1.66 | 3.69 | 2.54 | 1.44 | 1.09 | 0.98 | 1.22 | 2.15 |
| 25 | 5.16 | 5.10 | 4.86 | 1.86 | 2.16 | 3.53 | 2.46 | 1.36 | 1.34 | 1.09 | 1.35 | 2.00 |
| 26 | 5.16 | 5.31 | 4.86 | 1.86 | 2.16 | 3.39 | 2.56 | 1.52 | 1.40 | 1.09 | 1.50 | 2.10 |
| 27 | F 4.71 | 5.71 | 4.66 | 1.46 | 2.29 | 3.06 | 2.61 | 1.54 | 1.42 | 1.30 | 1.53 | 3.05 |
| 28 | 4.71 | 6.06 | 4.86 | 1.68 | 2.34 | 2.83 | 2.46 | 1.56 | 1.45 | 0.90 | 1.65 | 2.25 |
| 29 | 4.56 | ----- | 4.66 | 1.56 | 2.56 | 2.74 | 2.21 | 2.11 | 1.44 | 0.83 | 1.77 | 1.85 |
| 30 | 4.46 | ----- | 4.46 | 1.56 | 2.81 | 2.76 | 2.14 | 1.64 | 1.30 | 0.95 | 1.47 | 2.00 |
| 31 | 4.41 | ----- | 4.26 | ----- | 2.96 | ----- | 2.01 | 1.97 | ----- | 0.81 | ----- | 1.57 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.22 | 4.29 | 4.88 | 2.57 | 1.94 | 3.24 | 2.55 | 2.09 | 1.47 | 0.91 | 1.34 | 1.64 |
| MAX | 5.56 | 6.06 | 6.16 | 4.36 | 2.96 | 4.51 | 3.16 | 4.52 | 2.16 | 1.30 | 2.30 | 3.05 |
| MIN | 2.56 | 3.21 | 3.91 | 1.46 | 1.46 | 2.26 | 2.01 | 1.21 | 1.09 | 0.52 | 0.57 | 1.13 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.59.

HIGHEST STAGE WAS 6.16 AT 8:00 A.M. ON MAR 1.

LOWEST STAGE WAS 0.35 ON OCT 14.

DAILY STAGE FOR 1987

INTRACOSTAL WATERWAY AT MORLEY, LA.

LOCATION. LAT. 30-23-42. LONG. 91-19-23. ABOUT 100 FEET SOUTH OF TEXAS AND PACIFIC RAILROAD
BRIDGE. (STA. 5244109.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. NOV. 1966 TO DATE. FOR RECORDS, 1941 TO 1942 AND 1953 TO 1967, REFER TO GAGE
ON CHOCTAW BAYOU AT MORLEY.

EXTREMES. HIGHEST, 10.41 FEET ON APR. 14, 1980. LOWEST, 1.32 FEET ON JAN. 18, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|--------|------|--------|--------|------|-------|------|---------|------|
| 1 | 5.82 | 5.85 | 7.72 | 5.75 | 3.80 | 4.05 | 4.50 | | 3.35 | 2.58 | 2.60 | 2.95 |
| 2 | 5.70 | 6.00 | 7.60 | 5.58 | 3.50 | 4.05 | 4.80 | | 3.25 | 2.48 | 2.61 | 2.88 |
| 3 | 5.50 | 5.70 | 7.37 | 5.42 | 3.50 | 3.95 | 4.60 | | 3.00 | 2.79 | 2.67 | 2.95 |
| 4 | 5.98 | 5.60 | 7.30 | 5.48 | 3.60 | 3.85 | 4.45 F | 3.05 | 2.91 | 2.59 | 2.49 | 3.05 |
| 5 | 5.92 | 5.50 | 7.20 | 5.20 | 3.70 | 4.28 | 4.30 | 3.06 | 2.95 | 2.60 | 2.85 | 2.82 |
| 6 | 5.85 | 5.40 | 7.10 | 5.15 | 3.90 | 3.90 | 4.15 | 3.25 | 3.12 | 2.72 | 2.81 | 2.85 |
| 7 | 5.70 | 5.50 | 6.95 | 5.00 | 3.95 | 4.00 F | 4.30 | 3.58 | 3.21 | 2.61 | 2.78 | 3.08 |
| 8 | 5.52 | 5.50 | 7.00 | 4.75 | 3.70 | 4.18 | 4.39 | 3.62 | 3.18 | 2.56 | 2.88 | 3.10 |
| 9 | 5.40 | 5.40 | 6.90 | 4.55 | 3.80 | 4.20 | 4.35 | 3.58 | 3.09 | 2.61 | 2.95 | 3.20 |
| 10 | 5.28 | 5.30 | 6.75 | 4.48 | 3.95 | 4.40 | 4.19 | 3.61 | 3.03 | 2.73 | 3.19 | 3.40 |
| 11 | 5.10 | 5.25 | 6.58 | 4.35 | 3.65 | 4.30 | 4.45 F | 4.65 | 3.05 | 2.70 | 2.70 | 3.18 |
| 12 | 4.80 | 5.15 | 6.40 | 4.21 | 3.50 | 4.50 | 4.15 | 5.70 | 3.14 | 2.60 | 2.22 | 3.10 |
| 13 | 4.75 | 5.10 | 6.20 | 4.30 | 3.55 | 4.40 | 4.13 | 5.90 | 3.09 | 2.14 | 2.40 | 3.12 |
| 14 | 4.65 | 4.98 | 6.00 | 4.30 | 3.70 | 5.96 | 4.20 | 5.49 | 3.04 | 2.11 | 2.49 | 3.00 |
| 15 | 4.70 | 4.92 | 5.88 | 4.30 | 3.70 | 5.98 | 3.95 | 5.15 | 2.99 | 2.32 | 2.67 | 3.20 |
| 16 | 4.80 | 6.35 | 5.70 | 4.75 | 3.50 | 5.90 | 3.75 | 4.75 | 2.86 | 2.40 | 3.20 | 3.08 |
| 17 | 5.40 | 6.05 | 5.55 | 4.19 | 3.25 | 5.90 | 3.72 | 4.44 | 3.11 | 2.50 | 3.89 | 3.05 |
| 18 | 6.85 | 6.05 | 6.50 | 4.05 | 3.25 | 6.25 | 3.65 | 4.20 | 3.16 | 2.43 | 3.75 | 2.75 |
| 19 | 6.70 | 5.90 | 6.30 | 4.20 | 3.20 | 6.08 | 3.91 | 3.50 | 3.20 | 2.40 | 3.68 | 2.80 |
| 20 | 6.60 | 5.86 | 6.30 | 3.85 | 3.18 | 5.85 | 3.75 | 3.12 | 3.14 | 2.47 | 3.25 | 2.89 |
| 21 | 6.52 | 5.80 | 6.20 | 3.90 | 3.20 | 5.65 | 3.72 | 3.00 | 2.93 | 2.54 | 2.97 | 3.22 |
| 22 | 7.25 | 6.30 | 6.09 | 3.70 | 3.20 | 5.65 | 3.95 | 2.81 | 2.92 | 2.25 | 2.78 | 3.67 |
| 23 | 7.00 | 6.35 | 5.98 | 3.55 | 3.22 | 5.54 | 3.96 | 2.72 | 2.80 | 2.41 | 2.80 | 3.79 |
| 24 | 6.80 | 6.30 | 6.85 | 3.35 | 3.40 | 5.40 | 3.99 | 2.81 | 2.70 | 2.67 | 2.88 | 3.95 |
| 25 | 6.70 | 6.70 | 6.85 | 3.30 | 3.72 | 5.20 | 3.99 | 2.91 | 2.94 | 2.82 | 3.00 | 3.62 |
| 26 | 6.58 | 7.00 | 6.70 | 3.20 F | 3.82 | 5.00 | 4.13 | 3.13 | 3.02 | 2.77 | 3.20 | 3.75 |
| 27 | 6.40 | 7.40 | 6.70 | 3.18 | 3.90 | 4.80 | 4.00 | 3.11 | 3.06 | 3.00 | 3.10 | 4.30 |
| 28 | 6.28 | 7.60 | 6.45 | 3.40 | 4.00 | 4.60 | 3.88 | 3.06 | 3.08 | 2.53 | 3.32 | 3.85 |
| 29 | 6.15 | ----- | 6.25 | 3.65 | 4.20 | 4.40 | 3.75 | 3.02 | 3.10 | 2.43 | 3.12 | 3.55 |
| 30 | 6.02 | ----- | 6.10 | 3.75 | 4.30 | 4.40 | 3.95 | 3.08 | 2.94 | 2.59 | 3.15 | 3.45 |
| 31 | 5.95 | ----- | 6.00 | ----- | 4.45 | ----- | ----- | 3.23 | ----- | 2.40 | ----- F | 3.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 5.89 | 5.89 | 6.56 | 4.29 | 3.65 | 4.89 | 4.10 | 3.70 | 3.05 | 2.54 | 2.95 | 3.27 |
| MAX | 7.25 | 7.60 | 7.72 | 5.75 | 4.45 | 6.25 | 4.80 | 5.90 | 3.35 | 3.00 | 3.89 | 4.30 |
| MIN | 4.65 | 4.92 | 5.55 | 3.18 | 3.18 | 3.85 | 3.65 | 2.72 | 2.70 | 2.11 | 2.22 | 2.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 30 | 28 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 361

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 4.23

HIGHEST STAGE WAS 7.86 AT 6:00 P.M. ON FEB 28

LOWEST STAGE WAS 2.00 ON OCT 14.

DAILY STAGE FOR 1987

LOWER GRAND RIVER AT BAYOU BORREL LOCK (LA.)

LOCATION. LAT. 30-07-35, LONG. 91-19-22. ON PILE IN NORTH APPROACH CHANNEL (IWM, MORGAN CITY-PORT ALLEN ROUTE), 1.9 MILES SOUTH OF BAYOU BORREL, LA. (STA. 5256009.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. DAILY, JAN. 2, TO DEC. 31, 1947, AND JAN. 2, 1951, TO DATE. INTERMITTENTLY, 1948 TO 1950. FOR RECORDS 1939 TO 1946, REFER TO GAGE LOWER GRAND RIVER AT JUNCTION BAYOU BORREL. SUBTRACT 0.3 FROM STAGES PRIOR TO 1955.

EXTREMES. HIGHEST, 7.90 FEET ON APR. 15 AND 16, 1980. LOWEST, MINUS 0.30 FOOT (PRESENT DATUM) ON OCT. 9, 1952.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---|-------|---------|-------|-------|-------|---------|-------|-----|-------|-------|---------|-----|
| 1 | 0 | 4.5 | 4.5 0 | 5.7 0 | 4.5 0 | 2.2 | 2.8 0 | 3.1 0 | 2.3 | 2.0 | 1.5 | 1.3 0 | 1.7 |
| 2 | 0 | 4.5 | 4.4 0 | 6.0 0 | 4.3 0 | 2.2 | 2.7 0 | 3.4 | 2.1 | 2.0 | 1.2 | 1.3 0 | 1.5 |
| 3 | 0 | 4.1 | 4.3 0 | 5.9 0 | 4.2 0 | 2.1 | 2.5 | 3.4 | 1.9 | 1.9 | 1.2 | 1.3 0 | 1.5 |
| 4 | 0 | 4.4 | 4.3 0 | 5.8 0 | 4.0 0 | 2.1 | 2.4 | 3.1 | 1.6 | 1.7 | 1.2 | 1.2 0 | 1.5 |
| 5 | 0 | 4.5 | 4.1 0 | 5.7 0 | 3.6 0 | 2.3 | 2.7 | 3.0 | 1.7 | 1.7 | 1.2 | 1.4 0 | 1.5 |
| 6 | 0 | 4.5 | 4.1 0 | 5.6 0 | 3.5 0 | 2.2 | 2.7 | 2.8 | 1.7 | 1.8 | 1.3 | 1.4 0 | 1.5 |
| 7 | 0 | 4.3 | 4.0 0 | 5.5 0 | 3.5 0 | 2.2 | 2.7 | 2.9 | 2.0 | 1.8 | 1.3 | 1.4 0 | 1.5 |
| 8 | 0 | 4.2 | 4.0 0 | 5.5 0 | 3.5 0 | 2.4 | 2.7 | 2.9 | 2.0 | 1.8 | 1.3 | 1.5 0 | 1.7 |
| 9 | 0 | 4.0 | 4.0 0 | 5.3 0 | 3.2 0 | 2.4 | 2.9 | 3.0 | 2.2 | 1.8 | 1.3 | 1.6 0 | 1.9 |
| 10 | 0 | 4.0 | 3.9 0 | 5.3 0 | 3.2 0 | 2.2 | 2.9 | 2.9 | 2.3 | 1.8 | 1.3 | 1.6 0 | 1.9 |
| 11 | 0 | 3.9 | 3.9 0 | 5.2 0 | 3.1 0 | 2.2 | 2.9 | 2.9 | 2.7 | 1.8 | 1.3 | 1.5 0 | 1.8 |
| 12 | 0 | 3.6 | 3.7 0 | 5.0 0 | 3.0 0 | 2.1 0 | 3.1 | 2.8 | 3.7 | 1.8 | 1.3 | 1.1 0 | 1.8 |
| 13 | 0 | 3.4 | 3.7 0 | 4.9 | 2.8 0 | 2.2 0 | 3.0 | 2.8 0 | 4.3 | 1.7 | 1.2 | 0.7 0 | 1.8 |
| 14 | 0 | 3.3 | 3.6 0 | 4.7 | 2.9 0 | 2.2 0 | 3.7 | 2.7 0 | 4.0 | 1.7 | 1.0 | 0.9 0 | 1.7 |
| 15 | 0 | 3.3 0 | 4.3 0 | 4.6 | 2.9 0 | 2.2 0 | 4.3 | 2.6 0 | 3.6 | 1.7 | 0.8 | 1.1 0 | 1.7 |
| 16 | 0 | 3.2 0 | 4.6 0 | 4.5 0 | 2.8 0 | 2.3 0 | 4.4 | 2.6 0 | 3.5 | 1.7 | 0.8 | 1.6 0 | 1.8 |
| 17 | 0 | 3.7 0 | 4.5 0 | 4.3 0 | 2.8 0 | 2.2 0 | 4.4 | 2.6 0 | 3.2 | 1.6 | 1.0 | 2.5 0 | 1.8 |
| 18 | 0 | 4.7 0 | 4.6 0 | 4.5 0 | 2.7 0 | 1.9 0 | 4.6 | 2.5 0 | 2.7 | 1.6 | 1.0 | 2.3 0 | 1.8 |
| 19 | 0 | 5.0 0 | 4.5 0 | 4.8 0 | 2.5 0 | 1.9 0 | 4.6 | 2.3 | 2.4 | 1.9 | 1.0 | 2.1 0 | 1.5 |
| 20 | 0 | 5.1 0 | 4.3 0 | 4.8 0 | 2.5 0 | 1.8 0 | 4.5 | 2.4 | 2.0 | 1.9 | 1.0 | 2.4 0 | 1.5 |
| 21 | 0 | 5.1 0 | 4.3 0 | 4.8 0 | 2.5 0 | 1.7 0 | 4.3 | 2.3 | 2.0 | 1.7 | 1.0 | 2.4 0 | 1.9 |
| 22 | 0 | 5.3 0 | 4.4 0 | 4.7 0 | 2.5 0 | 1.8 0 | 4.3 | 2.5 | 1.8 | 1.7 | 0.9 0 | 1.4 0 | 2.3 |
| 23 | 0 | 5.4 0 | 4.7 0 | 4.6 0 | 2.3 0 | 1.8 0 | 4.2 | 2.5 | 1.3 | 1.7 | 1.1 0 | 1.4 0 | 2.4 |
| 24 | 0 | 5.4 0 | 4.9 0 | 4.8 0 | 2.0 0 | 1.8 0 | 4.0 0 | 2.5 | 1.2 | 1.6 | 1.0 0 | 1.5 0 | 2.5 |
| 25 | 0 | 5.3 0 | 5.0 0 | 5.2 0 | 2.2 0 | 2.1 0 | 3.8 0 | 2.7 | 1.2 | 1.6 | 1.3 0 | 1.6 0 | 2.2 |
| 26 | 0 | 5.2 0 | 5.2 0 | 5.1 0 | 2.0 | 2.4 0 | 3.8 0 | 2.7 | 1.9 | 1.6 | 1.3 0 | 1.7 0 | 2.3 |
| 27 | 0 | 5.0 0 | 5.6 0 | 5.1 0 | 1.9 | 2.5 0 | 3.7 0 | 2.7 | 1.8 | 1.7 | 1.7 0 | 1.7 0 | 2.5 |
| 28 | 0 | 4.9 0 | 5.7 0 | 5.0 0 | 1.9 | 2.6 0 | 3.5 0 | 2.6 | 1.8 | 1.7 | 1.3 0 | 1.9 0 | 2.5 |
| 29 | 0 | 4.7 | ----- 0 | 4.9 0 | 2.0 | 2.6 0 | 3.5 0 | 2.6 | 1.8 | 1.7 | 1.1 0 | 1.8 0 | 2.4 |
| 30 | 0 | 4.7 | ----- 0 | 4.7 0 | 2.2 | 2.8 0 | 3.0 0 | 2.5 | 1.8 | 1.7 | 1.1 0 | 1.8 0 | 2.4 |
| 31 | 0 | 4.5 | ----- 0 | 4.6 | ----- | 2.8 | ----- 0 | 2.3 | 1.8 | ----- | 1.1 | ----- 0 | 2.3 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 4.4 | 4.4 | 5.1 | 2.9 | 2.2 | 3.5 | 2.7 | 2.3 | 1.7 | 1.2 | 1.6 | 1.9 |
| MAX | 5.4 | 5.7 | 6.0 | 4.5 | 2.8 | 4.6 | 3.4 | 4.3 | 2.0 | 1.7 | 2.5 | 2.5 |
| MIN | 3.2 | 3.6 | 4.3 | 1.9 | 1.7 | 2.4 | 2.3 | 1.2 | 1.6 | 0.8 | 0.7 | 1.5 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.8.

HIGHEST STAGE WAS 6.0 ON MAR 2.

LOWEST STAGE WAS 0.7 ON NOV 13.

DAILY STAGE FOR 1987

BELLE RIVER NEAR PIERRE PASS, LA.

LOCATION. LAT. 29-54-28, LONG. 91-12-59. ON FOOT WHARF OF EABPL, 300 FEET DOWNSTREAM FROM FERRY LANDING (HIGHWAY 70), FOUR MILES SOUTH OF PIERRE PASS. (STA. 5264010.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. JULY 29, 1955, TO DATE.

EXTREMES. HIGHEST, 5.10 FEET (CAUSED BY HURRICANE) ON NOV. 1, 1985. LOWEST, MINUS 0.30 FOOT ON JAN. 13 AND 14, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT MVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|------|-------|-----|
| 1 | 2.5 | 1.8 | 2.6 | 2.2 | 1.6 | 1.5 | 1.9 | 1.4 | 1.3 | 1.1 | 1.4 | 1.5 |
| 2 | 2.5 | 1.8 | 2.7 | 2.2 | 1.7 | 1.4 | 1.9 | 1.4 | 1.3 | 1.0 | 1.4 | 1.4 |
| 3 | 2.5 | 1.8 | 2.7 | 2.1 | 1.8 | 1.4 | 1.8 | 1.4 | 1.3 | 0.9 | 1.4 | 1.4 |
| 4 | 2.5 | 1.7 | 2.6 | 2.1 | 1.8 | 1.4 | 1.8 | 1.4 | 1.4 | 0.8 | 1.4 | 1.4 |
| 5 | 2.4 | 1.7 | 2.4 | 2.1 | 1.7 | 1.4 | 1.8 | 1.5 | 1.4 | 0.8 | 1.5 | 1.5 |
| 6 | 2.3 | 1.6 | 2.3 | 2.0 | 1.7 | 1.4 | 1.8 | 1.6 | 1.5 | 0.8 | 1.5 | 1.5 |
| 7 | 2.2 | 1.6 | 2.3 | 2.0 | 1.7 | 1.6 | 1.8 | 1.6 | 1.5 | 0.9 | 1.5 | 1.5 |
| 8 | 2.2 | 1.5 | 2.3 | 2.0 | 1.7 | 1.8 | 1.8 | 1.6 | 1.5 | 0.9 | 1.5 | 1.6 |
| 9 | 2.1 | 1.6 | 2.2 | 2.0 | 1.7 | 2.0 | 1.8 | 1.5 | 1.5 | 1.0 | 1.7 | 1.6 |
| 10 | 2.0 | 1.6 | 2.2 | 2.0 | 1.6 | 2.0 | 1.7 | 1.5 | 1.4 | 1.0 | 1.6 | 1.6 |
| 11 | 1.9 | 1.6 | 2.3 | 1.9 | 1.6 | 2.0 | 1.7 | 1.4 | 1.4 | 0.8 | 0.9 | 1.6 |
| 12 | 1.9 | 1.6 | 2.3 | 1.9 | 1.6 | 2.1 | 1.6 | 1.4 | 1.4 | 0.7 | 0.9 | 1.5 |
| 13 | 1.9 | 1.7 | 2.4 | 1.8 | 1.6 | 2.2 | 1.6 | 1.4 | 1.4 | -0.2 | 0.9 | 1.4 |
| 14 | 1.9 | 1.7 | 2.4 | 1.8 | 1.6 | 2.5 | 1.5 | 1.4 | 1.4 | 0.5 | 1.1 | 1.4 |
| 15 | 1.8 | 2.0 | 2.4 | 1.8 | 1.6 | 2.5 | 1.4 | 1.4 | 1.4 | 0.8 | 0.9 | 1.5 |
| 16 | 1.8 | 2.0 | 2.5 | 1.7 | 1.6 | 2.6 | 1.4 | 1.3 | 1.4 | 0.9 | 1.0 | 1.6 |
| 17 | 1.9 | 1.8 | 2.5 | 1.7 | 1.6 | 2.7 | 1.6 | 1.2 | 1.5 | 1.0 | 2.0 | 1.7 |
| 18 | 2.1 | 1.8 | 2.6 | 1.7 | 1.6 | 2.8 | 1.8 | 1.1 | 1.5 | 1.1 | 1.8 | 1.8 |
| 19 | 2.2 | 1.8 | 2.6 | 1.7 | 1.6 | 2.8 | 1.9 | 1.0 | 1.5 | 1.2 | 1.8 | 1.9 |
| 20 | 2.0 | 1.9 | 2.7 | 1.7 | 1.6 | 2.7 | 2.0 | 1.0 | 1.4 | 1.2 | 1.8 | 2.0 |
| 21 | 2.0 | 1.9 | 2.8 | 1.7 | 1.6 | 2.6 | 2.0 | 1.0 | 1.4 | 0.9 | 1.7 | 2.0 |
| 22 | 2.0 | 1.9 | 2.8 | 1.7 | 1.5 | 2.5 | 2.0 | 1.0 | 1.4 | 1.0 | 1.6 | 2.0 |
| 23 | 2.0 | 1.9 | 2.8 | 1.7 | 1.4 | 2.4 | 1.8 | 1.0 | 1.4 | 1.0 | 1.5 | 2.0 |
| 24 | 2.0 | 2.0 | 2.8 | 1.6 | 1.4 | 2.4 | 1.7 | 1.1 | 1.4 | 1.1 | 1.5 | 1.8 |
| 25 | 2.0 | 2.0 | 2.7 | 1.6 | 1.6 | 2.3 | 1.6 | 1.1 | 1.3 | 1.1 | 1.6 | 1.7 |
| 26 | 1.9 | 2.1 | 2.6 | 1.6 | 1.8 | 2.2 | 1.6 | 1.1 | 1.3 | 1.1 | 1.7 | 1.5 |
| 27 | 1.9 | 2.1 | 2.5 | 1.6 | 1.8 | 2.1 | 1.6 | 1.2 | 1.2 | 1.1 | 1.6 | 1.1 |
| 28 | 1.9 | 2.4 | 2.4 | 1.6 | 1.8 | 2.0 | 1.5 | 1.2 | 1.2 | 1.2 | 1.6 | 1.1 |
| 29 | 1.9 | ----- | 2.4 | 1.6 | 1.8 | 2.0 | 1.5 | 1.3 | 1.1 | 1.3 | 1.6 | 1.2 |
| 30 | 1.9 | ----- | 2.3 | 1.6 | 1.7 | 2.0 | 1.5 | 1.3 | 1.1 | 1.4 | 1.5 | 1.3 |
| 31 | 1.8 | ----- | 2.3 | ----- | 1.6 | ----- | 1.4 | 1.3 | ----- | 1.4 | ----- | 1.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| MEAN | 2.1 | 1.8 | 2.5 | 1.8 | 1.6 | 2.1 | 1.7 | 1.3 | 1.4 | 1.0 | 1.5 | 1.6 |
| MAX | 2.5 | 2.4 | 2.8 | 2.2 | 1.8 | 2.8 | 2.0 | 1.6 | 1.5 | 1.4 | 2.0 | 2.0 |
| MIN | 1.8 | 1.5 | 2.2 | 1.6 | 1.4 | 1.4 | 1.4 | 1.0 | 1.1 | -0.2 | 0.9 | 1.1 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.7.

HIGHEST STAGE WAS 2.8 ON MAR 21 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 0.2 ON OCT 13.

DAILY STAGE FOR 1987

PIERRE PASS AT PIERRE PART, LA.

LOCATION. LAT. 29-57-50, LONG. 91-12-32. ABOUT 30 FEET DOWNSTREAM FROM HIGHWAY 70 BRIDGE. (STA. 9268010.)

GAGE. STAFF TYPE.

GENERAL INFORMATION. PRIOR TO 1974 STATION WAS REFERRED TO AS PIERRE PASS AT PIERRE PASS, LA.

RECORDS AVAILABLE. INTERMITTENTLY, 1937 TO 1939, 1944 TO 1947, 1949 TO 1950, AND 1953. DAILY, AUG. 3, 1955, TO DATE.

EXTREMES. (SINCE 1944) HIGHEST, 3.00 FEET ON APR. 19 AND LATER DATES IN 1973. LOWEST, MINUS 0.5 FOOT ON JAN. 14, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 3.0 | 2.5 | 3.3 | 3.3 | 2.1 | 2.4 | 2.5 | 1.9 | 1.8 | 1.5 | 1.6 | 1.9 |
| 2 | 3.0 | 2.5 | 3.2 | 3.2 | 2.2 | 2.3 | 2.6 | 1.8 | 1.8 | 1.5 | 1.6 | 1.9 |
| 3 | 3.1 | 2.4 | 3.0 | 3.0 | 2.5 | 2.3 | 2.5 | 1.7 | 1.8 | 1.5 | 1.8 | 2.0 |
| 4 | 2.9 | 2.4 | 2.9 | 3.0 | 2.5 | 2.2 | 2.5 | 1.8 | 1.8 | 1.3 | 1.8 | 2.0 |
| 5 | 2.8 | 2.4 | 2.9 | 2.8 | 2.5 | 2.0 | 2.4 | 1.8 | 1.9 | 1.4 | 1.9 | 1.9 |
| 6 | 2.8 | 2.4 | 2.8 | 2.8 | 2.5 | 1.9 | 2.3 | 1.9 | 2.0 | 1.5 | 1.8 | 2.0 |
| 7 | 2.8 | 2.3 | 2.7 | 2.7 | 2.4 | 1.9 | 2.4 | 2.0 | 2.0 | 1.5 | 1.8 | 2.2 |
| 8 | 2.7 | 2.1 | 2.8 | 2.7 | 2.4 | 2.2 | 2.5 | 2.0 | 2.0 | 1.5 | 2.0 | 2.3 |
| 9 | 2.7 | 2.0 | 2.9 | 2.7 | 2.3 | 2.4 | 2.5 | 2.1 | 1.9 | 1.6 | 2.1 | 2.3 |
| 10 | 2.6 | 2.1 | 2.8 | 2.6 | 2.4 | 2.5 | 2.4 | 2.4 | 1.9 | 1.6 | 2.1 | 2.3 |
| 11 | 2.5 | 2.2 | 2.8 | 2.6 | 2.4 | 2.5 | 2.4 | 2.5 | 2.0 | 1.7 | 1.4 | 2.2 |
| 12 | 2.4 | 2.2 | 2.8 | 2.6 | 2.4 | 2.6 | 2.4 | 2.5 | 2.0 | 1.5 | 1.1 | 2.2 |
| 13 | 2.3 | 2.2 | 2.8 | 2.7 | 2.4 | 2.8 | 2.4 | 2.3 | 2.0 | 1.0 | 1.3 | 2.1 |
| 14 | 2.3 | 2.2 | 2.9 | 3.0 | 2.4 | 3.3 | 2.3 | 2.2 | 2.0 | 1.0 | 1.4 | 2.1 |
| 15 | 2.4 | 2.4 | 2.9 | 3.0 | 2.3 | 3.3 | 2.2 | 2.0 | 1.9 | 1.3 | 1.6 | 2.0 |
| 16 | 2.5 | 2.5 | 3.0 | 2.9 | 2.3 | 3.3 | 2.0 | 1.9 | 2.0 | 1.4 | 2.4 | 1.5 |
| 17 | 2.7 | 2.4 | 3.4 | 2.7 | 2.2 | 3.3 | 2.0 | 1.9 | 2.0 | 1.5 | 2.6 | 1.5 |
| 18 | 2.8 | 2.1 | 3.9 | 2.7 | 2.3 | 3.4 | 2.0 | 1.9 | 2.0 | 1.5 | 2.3 | 1.8 |
| 19 | 2.6 | 2.1 | 3.4 | 2.6 | 2.2 | 3.3 | 1.9 | 1.7 | 2.0 | 1.5 | 2.2 | 1.9 |
| 20 | 2.5 | 2.0 | 3.4 | 2.5 | 2.2 | 3.2 | 1.9 | 1.5 | 2.0 | 1.6 | 2.0 | 2.1 |
| 21 | 2.5 | 2.1 | 3.4 | 2.4 | 2.2 | 3.1 | 2.0 | 1.5 | 1.9 | 1.4 | 2.0 | 2.1 |
| 22 | 2.5 | 2.3 | 3.4 | 2.3 | 2.1 | 3.1 | 2.1 | 1.5 | 1.9 | 1.5 | 2.0 | 2.3 |
| 23 | 2.5 | 2.3 | 3.4 | 2.3 | 2.0 | 3.0 | 2.2 | 1.4 | 1.7 | 1.5 | 2.0 | 2.3 |
| 24 | 2.5 | 2.4 | 3.5 | 2.2 | 1.9 | 2.9 | 2.2 | 1.5 | 1.7 | 1.8 | 2.2 | 2.4 |
| 25 | 2.7 | 2.5 | 3.5 | 2.0 | 2.0 | 2.8 | 2.3 | 1.6 | 1.9 | 1.9 | 2.2 | 2.5 |
| 26 | 2.5 | 2.5 | 3.5 | 2.0 | 2.2 | 2.7 | 2.3 | 1.9 | 2.0 | 1.9 | 2.3 | 2.5 |
| 27 | 2.5 | 3.2 | 3.5 | 2.0 | 2.3 | 2.5 | 2.3 | 1.8 | 2.1 | 1.8 | 2.2 | 2.4 |
| 28 | 2.5 | 3.3 | 3.5 | 2.0 | 2.4 | 2.3 | 2.2 | 1.8 | 2.2 | 1.6 | 1.9 | 2.1 |
| 29 | 2.5 | ----- | 3.5 | 2.0 | 2.4 | 2.4 | 2.2 | 1.8 | 2.1 | 1.5 | 1.8 | 1.6 |
| 30 | 2.5 | ----- | 3.4 | 2.0 | 2.5 | 2.5 | 2.0 | 1.8 | 1.8 | 1.4 | 2.0 | 1.7 |
| 31 | 2.4 | ----- | 3.3 | ----- | 2.5 | ----- | 2.0 | 1.7 | ----- | 1.5 | ----- | 2.0 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 2.6 | 2.4 | 3.2 | 2.6 | 2.3 | 2.7 | 2.3 | 1.9 | 1.9 | 1.5 | 1.9 | 2.1 |
| MAX | 3.1 | 3.3 | 3.9 | 3.3 | 2.5 | 3.4 | 2.6 | 2.5 | 2.2 | 1.9 | 2.6 | 2.5 |
| MIN | 2.3 | 2.0 | 2.7 | 2.0 | 1.9 | 1.9 | 1.9 | 1.4 | 1.7 | 1.0 | 1.1 | 1.5 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.3.

HIGHEST STAGE WAS 3.9 ON MAR 18.

LOWEST STAGE WAS 1.0 ON OCT 13 AND LATER DATE(S).

DAILY STAGE FOR 1987

LAKE VERRET AT ATTAKAPAS LANDING, LA.

LOCATION. LAT. 29-50-58, LONG. 91-06-09. AT MOUTH OF ATTAKAPAS CANAL, IN LOWER PART OF LAKE,
7.7 MILES SOUTHWEST OF NAPOLEONVILLE, LA. (STA. 5272010.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. DAILY, JUNE 15, 1932, TO JULY 25, 1933, AND AUG. 22, 1955, TO DATE.
INTERMITTENTLY, 1939, 1944 TO 1947, AND 1949 TO 1950.

EXTREMES. (SINCE 1944) HIGHEST, 5.20 FEET ON APR. 21, 1973. LOWEST, MINUS 0.3 FOOT ON JAN. 14,
1956.

DAILY TEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|-------|-------|-----|-----|-------|------|-------|------|
| 1 | | | | 3.30 | 2.20 | 3.45 | | | | | 1.80 | 2.00 |
| 2 | 3.15 | 2.72 | 3.33 | 3.25 | 2.35 | 3.45 | | | | | 1.90 | 2.00 |
| 3 | 3.20 | 2.60 | 3.00 | 3.18 | | 3.40 | | | | | 1.90 | 2.00 |
| 4 | | 2.55 | 3.05 | 3.10 | 2.50 | 3.30 | | | | | 2.00 | 2.00 |
| 5 | 3.00 | 2.50 | 2.95 | | 2.55 | 3.25 | | | | | 1.90 | 1.90 |
| 6 | 2.90 | 2.50 | 3.00 | 2.92 | 2.60 | 3.25 | | | | | 1.80 | 2.00 |
| 7 | 2.85 | 2.30 | 3.05 | 2.88 | 2.50 | | | | | 1.70 | 2.00 | 2.10 |
| 8 | 2.78 | | | 2.80 | 2.50 | 2.40 | | | | 1.70 | 2.00 | 2.50 |
| 9 | 2.78 | 2.15 | 3.00 | 2.67 | 2.45 | 2.45 | | | | 1.80 | 2.40 | 2.70 |
| 10 | 2.82 | 2.25 | 3.02 | 2.60 | | 2.55 | | | | 1.90 | 2.00 | 2.70 |
| 11 | | 2.30 | 3.00 | 2.55 | 2.60 | 2.75 | | | | 1.70 | 1.70 | 2.80 |
| 12 | 2.70 | 2.38 | 2.95 | | 2.50 | 2.85 | | | | 1.60 | 1.50 | 2.90 |
| 13 | 2.65 | 2.35 | 3.00 | 2.80 | 2.48 | 2.98 | | | | 1.50 | 1.60 | |
| 14 | 2.68 | 2.30 | 3.05 | 3.10 | 2.45 | | | | | 1.40 | 1.70 | |
| 15 | 2.70 | | | 3.18 | 2.48 | 3.45 | | | | 1.60 | 1.80 | |
| 16 | 2.68 | | 3.10 | 3.00 | 2.45 | 3.38 | | | | 1.80 | 1.90 | 1.90 |
| 17 | 2.70 | 2.40 | 3.45 | 2.90 | | 3.38 | | | | 1.90 | 2.70 | 1.80 |
| 18 | | 2.30 | 3.65 | 2.87 | 2.15 | 3.45 | | | | 1.70 | 2.70 | |
| 19 | | 2.10 | 3.60 | | 2.15 | 3.40 | | | | 1.80 | 2.70 | |
| 20 | 2.60 | 2.00 | 3.48 | 2.50 | 2.20 | 3.38 | | | | 1.90 | 2.40 | 1.80 |
| 21 | 2.50 | 2.25 | 3.53 | 2.60 | 2.30 | | | | | 1.70 | 2.40 | 2.50 |
| 22 | 2.80 | | | 2.50 | 2.30 | 3.10 | | | | 1.60 | 2.40 | 2.40 |
| 23 | 2.65 | 2.40 | 3.48 | 2.40 | 2.25 | 3.05 | | | | 1.70 | 2.30 | 2.40 |
| 24 | 2.60 | 2.50 | 3.70 | 2.35 | | 3.05 | | | | 1.90 | 2.60 | 2.50 |
| 25 | | 2.40 | 3.62 | 2.00 | | 2.98 | | | | 1.70 | 2.50 | 2.50 |
| 26 | 2.75 | 2.50 | 3.63 | | 2.55 | 2.92 | | | | 2.20 | 2.50 | 2.60 |
| 27 | 2.72 | 2.30 | 3.60 | 2.00 | 2.50 | 2.80 | | | | 1.80 | 2.40 | 2.30 |
| 28 | 2.70 | 3.52 | 3.58 | 2.10 | 2.55 | | | | | 1.70 | 2.30 | 2.10 |
| 29 | 2.60 | ----- | | 2.15 | 2.60 | 2.40 | | | | 1.80 | 2.20 | 2.00 |
| 30 | 2.70 | ----- | 3.62 | 2.20 | 2.65 | 2.43 | | | | 1.90 | 2.00 | 2.10 |
| 31 | 2.60 | ----- | 3.35 | ----- | ----- | ----- | | | ----- | 1.90 | ----- | 2.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|---|---|---|------|------|------|
| MEAN | 2.75 | 2.42 | 3.30 | 2.69 | 2.43 | 3.05 | | | | 1.76 | 2.13 | 2.26 |
| MAX | 3.20 | 3.52 | 3.70 | 3.30 | 2.65 | 3.45 | | | | 2.20 | 2.70 | 2.90 |
| MIN | 2.50 | 2.00 | 2.95 | 2.00 | 2.15 | 2.40 | | | | 1.40 | 1.50 | 1.80 |
| DAYS | 25 | 23 | 26 | 26 | 25 | 26 | 0 | 0 | 0 | 25 | 30 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 232

THE MEAN STAGE FOR THE YEAR WAS 2.53.

HIGHEST STAGE WAS 3.70 ON MAR 24.

LOWEST STAGE WAS 1.40 ON OCT 14.

DAILY STAGE FOR 1987

LAKE PALOURDE NEAR MORGAN CITY, LA

LOCATION. LAT. 29-43-13, LONG. 91-11-16. APPROXIMATELY 1.5 MILES NORTH OF MORGAN CITY AND 75 FEET EAST OF LA. HIGHWAY 70 IN LAKE PALOURDE. (STA. 5275010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAR. 1974 TO DATE.

EXTREMES. HIGHEST, 4.23 FEET ON APR. 30, 1975. LOWEST, MINUS 0.01 FOOT ON DEC. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.50 | 2.07 | 2.88 | 2.76 | 1.85 | 2.47 | 1.98 | 1.47 | 1.65 | 1.26 | 1.37 | 1.53 |
| 2 | 2.43 | | | 2.74 | 1.93 | 2.42 | 2.14 | 1.46 | 1.64 | 1.42 | 1.34 | 1.44 |
| 3 | 2.53 | 1.89 | | 2.62 | 2.12 | 2.37 | 2.11 | 1.52 | 1.59 | 1.56 | 1.35 | 1.54 |
| 4 | 2.48 | 2.20 | | 2.45 | 2.17 | 2.25 | 1.97 | 1.60 | 1.61 | 1.02 | 1.40 | 1.58 |
| 5 | 2.24 | 2.22 | 2.30 | 2.42 | 2.19 | 2.13 | 1.98 | 1.65 | 1.75 | 1.26 | 1.71 | 1.48 |
| 6 | 2.24 | 2.17 | 2.33 | 2.38 | 2.11 | 2.05 | 2.08 | 1.71 | 1.79 | 1.43 | 1.30 | 1.75 |
| 7 | 2.15 | 2.16 | 2.31 | 2.34 | 1.99 | 2.32 | 2.09 | 1.75 | 1.84 | 1.26 | 1.57 | 2.05 |
| 8 | 2.07 | 2.01 | 2.44 | 2.33 | 1.97 | 2.58 | 2.26 | 1.77 | 1.74 | 1.26 | 1.80 | |
| 9 | | 2.05 | 2.41 | 2.24 | 1.94 | 2.73 | 2.20 | 1.77 | 1.56 | 1.52 | 1.98 | 2.05 |
| 10 | 2.23 | 2.04 | 2.52 | 2.16 | 2.03 | 2.78 | 2.15 | 2.08 | 1.60 | 1.43 | 1.94 | 1.97 |
| 11 | 2.04 | 2.07 | 2.44 | 2.11 | 2.06 | 2.80 | 2.07 | 2.02 | 1.77 | 1.51 | 1.13 | 1.85 |
| 12 | 1.89 | 2.10 | 2.43 | 2.30 | 2.02 | 2.86 | 2.03 | 1.97 | 1.68 | 1.16 | 0.84 | 1.86 |
| 13 | 1.90 | 2.06 | 2.44 | 2.39 | 2.00 | 2.87 | 1.99 | 1.80 | 1.80 | 0.84 | 1.10 | 1.78 |
| 14 | 1.92 | 2.11 | 2.49 | 2.62 | 1.93 | 3.34 | 1.85 | 1.98 | 1.66 | 1.14 | 1.18 | 1.96 |
| 15 | 2.12 | 2.32 | 2.61 | 2.44 | 1.80 | 3.30 | 1.70 | 1.89 | 1.66 | 1.31 | 1.45 | 2.18 |
| 16 | 2.13 | 2.39 | 2.70 | 2.39 | 1.73 | 3.22 | 1.57 | 1.98 | 1.74 | 1.34 | 1.85 | 1.61 |
| 17 | 2.30 | 2.21 | 2.91 | 2.24 | 1.69 | 3.14 | 1.53 | 1.95 | 1.89 | 1.40 | 2.17 | 1.24 |
| 18 | 2.36 | 2.06 | 3.12 | 2.18 | 1.74 | 3.16 | 1.71 | 1.59 | 1.89 | 1.26 | | 1.47 |
| 19 | 2.16 | 1.86 | 3.06 | 2.18 | 1.72 | 3.19 | 1.77 | 1.49 | 1.93 | 1.29 | 1.92 | 1.56 |
| 20 | 2.00 | 1.87 | 3.05 | 2.14 | 1.78 | 3.08 | 1.83 | 1.42 | 1.69 | 1.45 | 1.64 | 1.85 |
| 21 | 1.95 | 2.12 | 3.02 | 2.09 | 1.75 | 3.03 | 1.88 | 1.31 | 1.63 | 1.23 | 1.52 | 1.88 |
| 22 | 2.01 | 2.17 | 2.96 | 2.03 | 1.71 | 3.04 | 1.98 | 1.28 | 1.67 | 1.08 | 1.74 | 2.03 |
| 23 | 1.91 | 2.14 | 3.05 | 1.92 | 1.68 | 2.92 | 2.03 | 1.20 | 1.27 | 1.33 | 1.90 | 2.01 |
| 24 | 1.96 | 2.27 | 3.18 | 1.91 | 1.71 | 2.41 | 2.04 | 1.33 | 1.50 | 1.54 | 2.00 | 2.11 |
| 25 | 2.17 | 2.29 | 3.22 | 1.71 | 1.79 | 2.32 | 1.95 | 1.42 | 1.68 | 1.58 | 2.07 | 2.11 |
| 26 | 1.98 | 2.39 | 3.22 | 1.68 | 2.11 | 2.08 | 1.95 | 1.60 | 1.77 | 1.71 | 2.01 | 2.05 |
| 27 | 1.91 | 3.02 | 3.17 | 1.78 | 2.16 | 1.95 | 1.85 | 1.57 | 1.95 | 1.68 | 1.99 | 1.97 |
| 28 | 2.03 | 3.00 | 3.12 | 1.81 | 2.18 | 1.87 | 1.80 | 1.49 | 1.97 | 1.17 | 1.74 | 1.78 |
| 29 | 2.03 | ----- | 3.11 | 1.71 | 2.20 | 1.90 | 1.64 | 1.33 | 1.87 | 1.26 | 1.49 | 1.42 |
| 30 | 2.09 | ----- | 3.12 | 1.80 | 2.68 | 1.97 | 1.60 | 1.49 | 1.50 | 1.34 | 1.64 | 1.44 |
| 31 | 1.94 | ----- | 2.87 | ----- | 2.61 | ----- | 1.55 | 1.65 | ----- | 1.34 | ----- | 1.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.12 | 2.19 | 2.80 | 2.20 | 1.98 | 2.60 | 1.91 | 1.63 | 1.71 | 1.33 | 1.63 | 1.78 |
| MAX | 2.53 | 3.02 | 3.22 | 2.76 | 2.68 | 3.34 | 2.26 | 2.08 | 1.97 | 1.71 | 2.17 | 2.18 |
| MIN | 1.89 | 1.86 | 2.30 | 1.68 | 1.68 | 1.87 | 1.53 | 1.20 | 1.27 | 0.84 | 0.84 | 1.24 |
| DAYS | 30 | 27 | 28 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 29 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 358

THE MEAN STAGE FOR THE YEAR WAS 1.98.

HIGHEST STAGE WAS 3.50 AT 2:00 P.M. ON MAR 29.

LOWEST STAGE WAS 0.7 ON OCT 13 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU BOEUF AT AMELIA, LA.

LOCATION. LAT. 29-40-06, LONG. 91-05-50. JUST NORTH OF SOUTHERN PACIFIC RAILROAD AND U. S. HIGHWAY 90 BRIDGES. (STA. 5280010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1942, 1944 TO 1954. DAILY, JAN. 12, 1955, TO DATE.

EXTREMES. HIGHEST, 4.90 FEET ON APR. 30, 1975. LOWEST, CHANNEL DRY ON JAN. 20, 1940.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|-------|------|--------|------|------|-------|------|-------|------|
| 1 | 2.60 | 2.02 | 2.60 | 2.60 | 1.77 | 1.75 | 1.88 | 1.47 | 1.63 | 1.25 | 1.40 | 1.49 |
| 2 | 2.50 | 2.10 | 2.30 | 2.56 | 1.86 | 1.65 | 2.05 | 1.46 | 1.65 | 1.55 | 1.27 | 1.37 |
| 3 | 2.49 | 1.77 | 2.25 | 2.45 | 1.92 | 1.60 | 2.13 | 1.54 | 1.59 | 1.47 | 1.38 | 1.46 |
| 4 | 2.57 | 1.73 | 2.09 | 2.25 | 2.05 | 1.53 | 1.88 | 1.61 | 1.62 | 1.00 | 1.45 | 1.54 |
| 5 | 2.24 | 1.75 | 2.02 | 2.22 | 1.98 | 1.37 | 1.93 | 1.69 | 1.76 | 1.30 | 1.64 | 1.37 |
| 6 | 2.28 | 1.77 | 2.07 | 2.20 | 1.90 | 1.42 | 2.04 | 1.76 | 1.78 | 1.42 | 1.20 | 1.55 |
| 7 | 2.14 | 1.75 | 2.09 | 2.18 | 1.74 | 1.65 | 2.06 | 1.75 | 1.82 | 1.15 | 1.54 | 1.93 |
| 8 | 2.05 | 1.58 | 2.35 | 2.12 | 1.79 | 1.93 | 2.20 | 1.76 | 1.67 | 1.12 | 1.79 | 2.00 |
| 9 | 2.09 | 1.49 | 2.30 | 2.08 | 1.88 | 2.12 | 2.17 | 1.81 | 1.57 | 1.46 | 1.95 | 1.98 |
| 10 | 2.15 | 1.50 | 2.36 | 2.08 | 1.87 | 2.17 | 2.21 | 2.17 | 1.56 | 1.39 | 1.90 | 1.96 |
| 11 | 1.91 | 1.65 | 2.30 | 2.12 | 1.93 | 2.13 | | 2.05 | 1.75 | 1.54 | 1.01 | 1.78 |
| 12 | 1.76 | 1.72 | 2.33 | 2.22 | 1.90 | 2.28 | | 1.93 | 1.66 | 1.13 | 0.88 | 1.77 |
| 13 | 1.84 | 1.66 | 2.35 | 2.35 | 1.90 | 2.33 F | 2.06 | 1.75 | 1.75 | 0.86 | 1.06 | 1.54 |
| 14 | 1.82 | 1.77 | 2.44 | 2.60 | 1.83 | 2.57 | 1.75 | 1.56 | 1.67 | 1.20 | 1.20 | 1.80 |
| 15 | 2.14 | 1.75 | 2.52 | 2.38 | 1.73 | 2.50 | 1.55 | 1.53 | 1.68 | 1.35 | 1.42 | 2.18 |
| 16 | 2.10 | 2.15 | 2.60 | 2.30 | 1.62 | 2.43 | 1.43 | 1.64 | 1.77 | 1.40 | 1.77 | 1.38 |
| 17 | 2.15 | 1.84 | 2.57 | 2.14 | 1.61 | 2.36 | 1.47 | 1.62 | 1.90 | 1.42 | 2.10 | 1.10 |
| 18 | 2.33 | 1.65 | 3.00 | 2.10 | 1.56 | 2.46 | 1.65 | 1.56 | 1.87 | 1.27 | 1.77 | 1.30 |
| 19 | 2.17 | 1.56 | 2.95 | | 1.50 | 2.36 | 1.68 | 1.49 | 1.95 | 1.31 | 1.82 | 1.43 |
| 20 | 1.91 | 1.41 | 2.85 F | 1.90 | 1.57 | 2.36 | 1.82 | 1.40 | 1.68 | 1.45 | 1.56 | 1.74 |
| 21 | 1.75 | 1.57 | 2.85 | 1.88 | 1.55 | 2.35 | 1.89 | 1.35 | 1.63 | 0.97 | 1.40 | 1.68 |
| 22 | 1.99 | 1.85 | 2.76 | 1.78 | 1.54 | 2.37 | 2.03 | 1.34 | 1.67 | 1.00 | 1.63 | 1.96 |
| 23 | 1.74 | 1.66 | 2.85 | 1.74 | 1.50 | 2.32 | 2.07 | 1.20 | 1.17 | 1.35 | 1.78 | 1.94 |
| 24 | 1.79 | 1.75 | 3.10 | 1.80 | 1.64 | 2.29 | 2.05 | 1.32 | 1.53 | 1.50 | 1.93 | 2.04 |
| 25 | 2.11 | 1.84 | 3.03 | 1.58 | 1.75 | 2.17 | 1.97 | 1.39 | 1.69 | 1.53 | 2.08 | 2.00 |
| 26 | 1.80 | 1.97 | 3.10 | 1.62 | 1.95 | 1.95 | 1.97 | 1.55 | 1.75 | 1.67 | 2.00 | 1.95 |
| 27 | 1.70 | 2.50 | 3.06 | 1.70 | 1.98 | 1.70 | 1.87 | 1.53 | 1.89 | 1.63 | 1.95 | 1.90 |
| 28 | 1.92 | 2.55 | 3.00 | 1.75 | 2.03 | 1.76 | 1.76 | 1.48 | 1.94 | 1.35 | 1.76 | 1.70 |
| 29 | 1.98 | ----- | 3.00 | 1.65 | 2.04 | 1.89 | 1.76 | 1.26 | 1.86 | 1.40 | 1.47 | 1.35 |
| 30 | 2.04 | ----- | 3.05 | 1.76 | 2.02 | 1.95 | 1.64 | 1.42 | 1.48 | 1.45 | 1.64 | 1.35 |
| 31 | 1.90 | ----- | 2.70 | ----- | 1.89 | ----- | 1.55 | 1.61 | ----- | 1.40 | ----- | 1.66 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.06 | 1.80 | 2.61 | 2.07 | 1.80 | 2.06 | 1.88 | 1.58 | 1.70 | 1.33 | 1.59 | 1.68 |
| MAX | 2.60 | 2.55 | 3.10 | 2.60 | 2.05 | 2.57 | 2.21 | 2.17 | 1.95 | 1.67 | 2.10 | 2.18 |
| MIN | 1.70 | 1.41 | 2.02 | 1.58 | 1.50 | 1.37 | 1.43 | 1.20 | 1.17 | 0.86 | 0.88 | 1.10 |
| DAYS | 31 | 28 | 31 | 29 | 31 | 30 | 29 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 362

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.85.

HIGHEST STAGE WAS 3.45 AT 1:15 P.M. ON MAR 29.

LOWEST STAGE WAS 0.55 ON OCT 13.

DAILY STAGE FOR 1987

115

BAYOU BLACK AT GIBSON, LA.

LOCATION: LAT. 29-41-13, LONG. 90-59-29. OLD U. S. HIGHWAY 90 BRIDGE. (STA. 5284010.)

GAUGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE, INTERMITTENTLY, 1935 TO 1942, 1944, AND 1946 TO 1965. DAILY, OCT. 1968 TO DATE.

EXTREMES. HIGHEST, 5.50 FEET (CAUSED BY HURRICANE) ON OCT. 30, 1985. LOWEST, 0.01 FOOT ON NOV. 20 AND 21, 1969.

DAILY EIGHT A. M. STAGE IN FEET

GAUGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 2.8 | 1.6 | 2.2 | 2.4 | 1.0 | 1.4 | 2.0 | 1.5 | | | 1.2 | 0.9 |
| 2 | 2.8 | 1.6 | 2.0 | 2.4 | 1.2 | 1.4 | 1.9 | 1.4 | | | 1.3 | 0.7 |
| 3 | 2.9 | 1.8 | 2.0 | 2.4 | 1.2 | 1.4 | 1.9 | 1.3 | | | 1.3 | 0.9 |
| 4 | 2.9 | 1.8 | 1.9 | 2.5 | 1.4 | 1.3 | 1.8 | 1.3 | | | 1.4 | 0.7 |
| 5 | 2.6 | 1.9 | 1.9 | 1.6 | 1.4 | 1.3 | 1.8 | 1.5 | | | 1.2 | 0.7 |
| 6 | 2.8 | 1.9 | 1.7 | 1.6 | 1.6 | 1.2 | 1.8 | 1.7 | | | 1.0 | 1.0 |
| 7 | 2.9 | 1.8 | 1.7 | 1.5 | 1.6 | 1.3 | 1.8 | 1.7 | | | 1.0 | 1.0 |
| 8 | 2.9 | 1.6 | 1.9 | 1.5 | 1.6 | 1.5 | 1.7 | 1.7 | | | 1.0 | 0.9 |
| 9 | 2.7 | 1.6 | 1.9 | 1.5 | 1.6 | 1.5 | 1.7 | 1.7 | | | 1.3 | 0.9 |
| 10 | 2.6 | 1.6 | 1.9 | 1.4 | 1.6 | 1.6 | 1.6 | 1.5 | | | 1.3 | 0.7 |
| 11 | 2.6 | 1.5 | 2.0 | 1.4 | 1.6 | 1.6 | 1.6 | 1.5 | | | 1.4 | 0.7 |
| 12 | 2.6 | 1.5 | 2.0 | 1.6 | 1.7 | 1.7 | 1.6 | 1.4 | | | 1.4 | 0.9 |
| 13 | 2.8 | 1.6 | 2.0 | 1.6 | 1.7 | 1.7 | 1.6 | 1.4 | | | 1.5 | 1.0 |
| 14 | 2.8 | 1.6 | 2.0 | 1.5 | 1.6 | 1.9 | 1.7 | 1.6 | | | 1.5 | 1.5 |
| 15 | 2.9 | 1.7 | 2.0 | 1.5 | 1.6 | 2.0 | 1.7 | 1.6 | | | 1.5 | 1.5 |
| 16 | 2.6 | 1.9 | 2.2 | 1.5 | 1.6 | 2.4 | 1.6 | 1.6 | | | 1.7 | 1.2 |
| 17 | 2.6 | 1.9 | 2.5 | 1.4 | 1.6 | 2.4 | 1.6 | 1.4 | | | 1.7 | 1.2 |
| 18 | 2.6 | 1.8 | 2.5 | 1.4 | 1.7 | 2.5 | 1.5 | 1.4 | | | 1.0 | 1.0 |
| 19 | 2.6 | 1.7 | 2.3 | 1.4 | 1.7 | 2.5 | 1.6 | 1.5 | | | 1.2 | 1.0 |
| 20 | 2.9 | 1.7 | 2.0 | 1.4 | 1.6 | 2.5 | 1.6 | 1.5 | | | 1.0 | 1.0 |
| 21 | 2.9 | 1.8 | 2.0 | 2.0 | 1.6 | 2.5 | 1.7 | 1.3 | | 0.3 | 1.0 | 1.2 |
| 22 | 2.9 | 1.9 | 2.3 | 2.0 | 1.5 | 2.5 | 1.7 | 1.3 | | 0.5 | 1.4 | 1.2 |
| 23 | 3.0 | 1.9 | 2.3 | 1.6 | 1.5 | 2.4 | 1.7 | 1.3 | | 0.5 | 1.7 | 0.9 |
| 24 | 3.0 | 2.0 | 2.4 | 1.5 | 1.5 | 2.2 | 1.8 | 1.3 | | 0.8 | 1.7 | 0.9 |
| 25 | 2.8 | 2.0 | 2.5 | 1.4 | 1.5 | 2.0 | 1.8 | 1.2 | | 0.8 | 1.5 | 1.0 |
| 26 | 2.8 | 2.0 | 2.5 | 1.4 | 1.4 | 2.0 | 1.8 | 1.2 | | 1.0 | 1.3 | 1.0 |
| 27 | 2.7 | 2.0 | 2.5 | 1.4 | 1.4 | 2.0 | 1.8 | 1.0 | | 1.0 | 1.3 | 1.5 |
| 28 | 2.6 | 2.0 | 2.5 | 1.2 | 1.4 | 1.9 | 1.8 | 1.0 | | 0.5 | 1.2 | 1.5 |
| 29 | 2.7 | ----- | 2.6 | 1.0 | 1.2 | 1.9 | 1.7 | 1.0 | | 0.4 | 1.2 | 1.4 |
| 30 | 2.7 | ----- | 2.6 | 1.0 | 1.2 | 2.0 | 1.7 | | | 0.8 | 1.0 | 1.4 |
| 31 | 2.4 | ----- | 2.4 | ----- | 1.2 | ----- | 1.6 | | ----- | 0.8 | ----- | 1.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|
| MEAN | 2.8 | 1.8 | 2.2 | 1.6 | 1.5 | 1.9 | 1.7 | 1.4 | | 0.7 | 1.3 | 1.1 |
| MAX | 3.0 | 2.0 | 2.6 | 2.5 | 1.7 | 2.5 | 2.0 | 1.7 | | 1.0 | 1.7 | 1.5 |
| MIN | 2.4 | 1.5 | 1.7 | 1.0 | 1.0 | 1.2 | 1.5 | 1.0 | | 0.3 | 1.0 | 0.7 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 29 | 0 | 11 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 313

THE MEAN STAGE FOR THE YEAR WAS 1.7.

HIGHEST STAGE WAS 3.0 ON JAN 23 AND LATER DATE(S).

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS 0.3 ON OCT 21.

DAILY STAGE FOR 1987

BAYOU BLACK AT GREENWOOD, LA.

LOCATION. LAT. 29-37-14, LONG. 90-54-15. ON BRIDGE, 0.5 MILE BELOW JUNCTION WITH TERREBONNE-LAFOURCHE CANAL. (STA. 5288010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1935 TO 1942, AND 1944 TO 1965. DAILY, NOV. 18, 1965, TO DATE.

EXTREMES. HIGHEST, 4.82 FEET (FROM INCOMPLETE RECORD) ON APR. 14, 1980. LOWEST, 0.44 FOOT ON NOV. 3, 1966 AND MAR 8, 1978.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | | | 2.25 | | 1.52 | | 1.96 | 1.68 | | 1.25 | 1.34 | 1.47 |
| 2 | | | 2.21 | | 1.58 | | 2.18 | 1.63 | | 1.47 | 1.30 | 1.33 |
| 3 | | | 2.17 | | 1.73 | | 2.13 | 1.63 | | 1.41 | 1.44 | 1.45 |
| 4 | | | 2.08 | | 1.82 | | 2.04 | 1.69 | | 0.90 | 1.49 | 1.49 |
| 5 | 2.37 | | 2.00 | | 1.86 | | 1.98 | 1.66 | | 1.21 | 1.65 | 1.32 |
| 6 | 2.35 | | 2.00 | | 1.83 | | 1.95 | 1.63 | | 1.35 | 1.35 | 1.56 |
| 7 | 2.27 | | 1.98 | | 1.75 | | 1.99 | 1.62 | | 1.15 | 1.59 | 1.75 |
| 8 | 2.20 | | | 2.20 | 1.74 | 1.84 | 2.11 | 1.80 | | 1.24 | 1.71 | 1.84 |
| 9 | 2.17 | 1.67 | 2.09 | 2.20 | 1.67 | 1.96 | 2.08 | 1.78 | | 1.46 | 1.80 | 1.81 |
| 10 | 2.18 | 1.64 | 2.10 | 2.18 | 1.77 | 1.98 | 2.03 | 2.16 | | 1.36 | 1.77 | 1.77 |
| 11 | 2.07 | 1.65 | 2.08 | 2.09 | 1.81 | | 1.97 | 2.17 | | 1.46 | 0.96 | 1.70 |
| 12 | 1.95 | 1.66 | 2.06 | 2.06 | 1.75 | | 1.95 | 2.14 | | 1.08 | 0.86 | 1.68 |
| 13 | 1.89 | 1.64 | 2.05 | 2.09 | 1.73 | | 1.90 | 1.99 | | 0.76 | 1.08 | 1.60 |
| 14 | 1.88 | 1.64 | 2.06 | 2.30 | | | 1.99 | | 1.60 | 1.17 | 1.20 | 1.74 |
| 15 | 2.08 | 1.72 | 2.08 | 2.24 | | | 1.96 | | 1.58 | 1.26 | 1.42 | 1.89 |
| 16 | 2.17 | 1.92 | 2.11 | 2.18 | | | 1.83 | | 1.62 | 1.32 | 1.69 | 1.44 |
| 17 | 2.21 | 1.83 | 2.15 | 2.15 | | | 1.77 | | 1.70 | 1.35 | 1.93 | 1.11 |
| 18 | 2.26 | 1.72 | 2.33 | 2.08 | | | 1.78 | | 1.71 | 1.20 | 1.73 | 1.25 |
| 19 | 2.25 | 1.45 | 2.40 | 2.04 | | | 1.73 | | 1.76 | 1.27 | 1.74 | 1.33 |
| 20 | 2.12 | 1.37 | 2.45 | | | | 1.75 | | 1.72 | 1.43 | 1.57 | 1.61 |
| 21 | 2.03 | 1.58 | 2.48 | | | | 1.90 | | 1.58 | 1.02 | 1.36 | 1.61 |
| 22 | 2.25 | 1.85 | 2.49 | | | 2.65 | 2.00 | | 1.59 | 1.05 | 1.54 | 1.80 |
| 23 | 2.16 | 1.83 | 2.69 | | | 2.57 | 2.05 | | 1.25 | 1.38 | 1.66 | 1.78 |
| 24 | 2.12 | 1.85 | 2.75 | 1.80 | | 2.51 | 2.07 | | 1.52 | 1.52 | 1.70 | 1.80 |
| 25 | 2.21 | 1.85 | 2.75 | | | 2.52 | 2.01 | | 1.69 | 1.56 | 1.79 | 1.84 |
| 26 | 2.11 | 1.95 | 2.73 | | 1.86 | 2.41 | 2.01 | | 1.70 | 1.61 | 1.80 | 1.84 |
| 27 | | 2.08 | 2.73 | 1.50 | | 2.31 | 1.94 | | 1.81 | 1.61 | 1.81 | 1.80 |
| 28 | | 2.22 | 2.72 | 1.50 | | 2.19 | 1.87 | | 1.80 | 1.22 | 1.73 | 1.65 |
| 29 | | ----- | 2.95 | 1.43 | | 2.15 | 1.95 | | 1.77 | 1.36 | 1.45 | 1.30 |
| 30 | | ----- | 2.96 | 1.47 | | 1.97 | 1.79 | | 1.54 | 1.28 | 1.56 | 1.20 |
| 31 | | ----- | | ----- | | ----- | 1.77 | | ----- | 1.22 | ----- | 1.47 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.15 | 1.76 | 2.34 | 1.97 | 1.74 | 2.25 | 1.95 | 1.81 | 1.64 | 1.29 | 1.53 | 1.59 |
| MAX | 2.37 | 2.22 | 2.96 | 2.30 | 1.86 | 2.65 | 2.18 | 2.17 | 1.81 | 1.61 | 1.93 | 1.89 |
| MIN | 1.88 | 1.37 | 1.98 | 1.43 | 1.52 | 1.84 | 1.73 | 1.62 | 1.25 | 0.76 | 0.86 | 1.11 |
| DAYS | 22 | 20 | 29 | 17 | 14 | 12 | 31 | 13 | 17 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 267

THE MEAN STAGE FOR THE YEAR WAS 1.81.

HIGHEST STAGE WAS 2.96 AT 11:45 A.M. ON MAR 30.

LOWEST STAGE WAS 0.50 ON OCT 13.

DAILY STAGE FOR 1987

CHATLIN LAKE CANAL AT LA. HWY. 457.

LOCATION. LAT. 31-07-08, LONG. 92-20-40. FOUR MILES NORTHEAST OF LACOMPTE LA. (STA. 5502015.)

GAGE. AUTOMATIC RECORDER.

RECORDS AVAILABLE. MAR. 24, 1986 TO DATE. FOR RECORDS PRIOR TO 1986, REFER TO (STA. 5502515).

EXTREMES. HIGHEST 62.24 ON NOV. 17, 1987. LOWEST 43.98 ON OCT. 11, 1987.

DAILY EIGHT A.M. STAGES IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|-------|-------|-------|---------|---------|-------|---------|-------|-------|-------|-------|-------|
| 1 | 47.28 | 47.57 | 58.05 | 47.37 | 44.66 | 45.78 | 45.26 | 45.56 | 44.76 | 44.36 | 44.11 | 52.28 |
| 2 | 46.86 | 48.00 | 56.48 | 46.97 | 44.73 | 45.33 | 47.41 | 45.68 | 44.65 | 44.33 | 44.12 | 50.35 |
| 3 | 46.54 | 48.11 | 55.12 | 46.68 | 44.84 | 45.13 | 47.70 | 45.08 | 44.57 | 44.29 | 44.08 | 49.20 |
| 4 | 54.10 | 47.30 | 53.52 | 46.53 | 44.85 | 46.43 | 46.64 | 44.78 | 44.49 | 44.31 | 44.06 | 47.59 |
| 5 | 52.17 | 46.83 | 51.90 | 46.19 | 47.02 | 45.80 | 45.64 | 44.63 | 44.45 | 44.29 | 44.10 | 46.98 |
| 6 | 49.50 | 46.54 | 50.63 | 45.82 | 47.98 | 45.25 | 45.25 | 44.55 | 44.40 | 44.26 | 44.10 | 46.40 |
| 7 | 47.80 | 46.76 | 49.60 | 45.64 | 47.13 | 45.07 | 45.36 | 45.21 | 44.35 | 44.24 | 44.08 | 50.82 |
| 8 | 46.99 | 46.68 | 51.70 | 45.70 | 46.07 | 44.99 | 52.16 | 44.99 | 44.34 | 44.22 | 44.10 | 53.73 |
| 9 | 46.35 | 46.28 | 53.53 | 45.58 | 45.42 | 44.94 | 54.44 | 44.68 | 44.42 | 44.20 | 44.27 | 51.06 |
| 10 | 46.56 | 45.85 | 51.20 | 45.48 | 46.03 | 44.85 | 51.70 | 44.62 | 44.43 | 44.16 | 46.60 | 48.43 |
| 11 | 46.45 | 45.67 | 49.48 | 45.45 | 50.56 | 44.85 | 48.35 | 45.47 | 44.47 | 44.04 | 46.01 | 47.01 |
| 12 | 45.97 | 45.61 | 49.38 | 45.43 | 48.43 | 44.89 | 46.55 F | 48.00 | 45.65 | 44.00 | 45.19 | 46.23 |
| 13 | 45.70 | 45.53 | 47.64 | 45.40 | 52.97 | 45.83 | 45.70 | | 45.27 | 44.06 | 44.91 | 45.66 |
| 14 | 45.57 | 45.47 | 47.15 | 45.35 | 52.81 | 52.84 | 45.43 | | 44.83 | 44.07 | 44.81 | 45.28 |
| 15 | 45.65 | 45.47 | 46.82 | 45.33 | 57.89 | 50.46 | 45.30 | | 44.64 | 44.10 | 44.75 | 45.16 |
| 16 | 45.83 | 53.50 | 46.50 | 45.28 | 55.90 F | 48.38 | 45.20 | | 44.56 | 44.23 | 59.93 | 45.29 |
| 17 | 46.73 | 50.98 | 46.49 | 45.23 | 54.64 | | 45.13 | | 44.77 | 44.20 | 62.24 | 45.08 |
| 18 | 60.98 | 48.48 | 60.80 | 45.18 | 52.60 | | 45.09 | | 45.05 | 44.21 | 61.94 | 44.83 |
| 19 | 60.69 | 47.08 | 59.44 | 45.15 | | | 45.00 | | 45.15 | 44.21 | 61.40 | 44.75 |
| 20 | 59.14 | 46.27 | 57.96 | 45.13 | | | 44.90 | 45.26 | 45.38 | 44.24 | 60.69 | 52.18 |
| 21 | 57.92 | 56.72 | 56.92 | 45.15 | | | 44.83 | 45.09 | 45.29 | 44.20 | 59.46 | 53.88 |
| 22 | 57.34 | 57.30 | 55.86 | 45.05 F | 46.21 | 48.26 | 45.01 | 45.02 | 45.03 | 44.17 | 58.38 | 55.18 |
| 23 | 56.45 | 56.45 | 54.70 | 44.99 | 45.77 | 46.70 | 48.92 | 44.97 | 44.87 | 44.17 | 57.30 | 52.50 |
| 24 | 55.50 | 54.22 | 57.04 | 44.90 | 45.83 | 46.44 | 47.70 | 44.93 | 44.77 | 44.17 | 56.28 | |
| 25 | 54.40 | 55.54 | 55.42 | 44.84 | 45.70 | 50.76 | 46.25 | 44.86 | 44.68 | 44.16 | 55.19 | |
| 26 | 53.00 | 58.40 | 53.85 | 44.83 | 45.54 | 47.99 | 45.55 | 44.74 | 44.61 | 44.27 | 54.24 | |
| 27 F | 51.45 | 59.70 | 52.20 | 44.82 | 45.47 | 45.99 | 45.44 | 44.73 | 44.56 | 45.05 | 52.50 | |
| 28 | 50.49 | 58.86 | 50.85 | 44.73 | 45.35 | 45.27 | 45.00 | 44.66 | 44.50 | 44.86 | 58.17 | |
| 29 | 49.54 | ----- | 49.76 | 44.67 | 45.30 | 45.05 | 45.00 | 44.72 | 44.40 | 44.44 | 56.53 | |
| 30 | 48.65 | ----- | 48.72 | 44.66 | 45.30 | 44.90 | 44.86 | 44.63 | 44.39 | 44.25 | 54.57 | |
| 31 | 48.00 | ----- | 47.85 | ----- | 46.50 | ----- | 44.62 | 44.69 | ----- | 44.16 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 50.63 | 50.04 | 52.44 | 45.45 | 47.91 | 46.49 | 46.51 | 45.06 | 44.72 | 44.26 | 51.27 | 48.69 |
| MAX | 60.98 | 59.70 | 60.80 | 47.37 | 57.89 | 52.84 | 54.44 | 48.00 | 45.65 | 45.05 | 62.24 | 55.18 |
| MIN | 45.57 | 45.47 | 46.49 | 44.66 | 44.66 | 44.85 | 44.82 | 44.55 | 44.34 | 44.00 | 44.06 | 44.75 |
| DAYS | 31 | 28 | 31 | 30 | 28 | 25 | 31 | 24 | 30 | 31 | 30 | 23 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 342

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 47.83.

HIGHEST STAGE WAS 62.24 AT 8:00 A.M. ON NOV 17.

LOWEST STAGE WAS 43.98 ON OCT 11.

DAILY STAGE FOR 1987

CHATLIN LAKE CANAL NEAR CHENEYVILLE, LA.

LOCATION. LAT. 31-03-47, LONG. 92-15-26. ON BRIDGE, 4.5 MILES NORTH OF CHENEYVILLE. (STA. 5502515.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. DAILY, DEC. 11, 1957, TO SEP. 9, 1985. INTERMITTENTLY, 1957 AND FEB. 25, 1986 TO APR. 6, 1987.

EXTREMES. HIGHEST, 58.32 FEET ON NOV. 25, 1986. LOWEST, 40.25 FEET (FROM INCOMPLETE RECORD) ON JUN. 1, 1977.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | | | | | | | | | | | | |
| 2 | | 46.36 | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | 49.09 | | | | | | | | | | | |
| 6 | | | | 46.05 | | | | | | | | |
| 7 | | | | S | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | 43.44 | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | 43.20 | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | 48.12 | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | 56.11 | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | 53.53 | 52.87 | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | 49.76 | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | ----- | | | | | | | | | | |
| 30 | | ----- | 46.87 | ----- | | ----- | | | ----- | | ----- | |
| 31 | | ----- | | | | | | | | | | |

S=DISCONTINUED

DAILY STAGE FOR 1987

THREE PRONG LAKE AT BELLEDEAU, LA.

LOCATION. LAT. 31-04-46, LONG. 92-11-02. ON HIGHWAY 114 BRIDGE. (STA. 5515011.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1939 TO 1946. DAILY, AUG. 13, 1946 TO MAR. 1, 1973 AND OCT. 25, 1973 TO DATE.

EXTREMES. (FROM 1946 TO DATE) HIGHEST, 56.24 FEET ON MAY 20 AND 21, 1953. LOWEST, 40.72 FEET ON JULY 11, 1965, ALSO (FROM INCOMPLETE RECORD) ON JUNE 13, 1966.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 45.22 | 45.36 | 51.75 | 45.49 | 42.88 | 42.75 | 42.74 | 42.43 | 42.43 | 42.49 | 42.48 | 48.96 |
| 2 | 44.80 | 45.20 | 51.58 | 45.04 | 42.86 | 42.68 | 42.78 | 42.38 | 42.41 | 42.43 | 42.48 | 47.47 |
| 3 | 44.45 | 45.32 | 51.22 | 44.58 | 42.82 | 42.63 | 42.80 | 42.35 | 42.35 | 42.42 | 42.47 | 46.45 |
| 4 | 47.58 | 44.75 | 50.62 | 44.28 F | 42.81 | 44.25 | 42.79 | 42.31 | 42.34 | 42.37 | 42.46 | 45.98 |
| 5 | 47.85 | 44.30 | 49.68 | 43.98 | 42.80 | 44.25 | 42.69 | 42.47 | 42.34 | 42.36 | | 45.05 |
| 6 | 46.48 | 44.02 | 48.60 | 43.66 | 42.92 | 43.48 | 42.60 | 42.49 | 42.30 | 42.35 | | 44.59 |
| 7 | 45.26 | 43.92 | 47.30 | 43.58 | 43.47 | 43.15 | 44.42 | 42.52 | 42.29 | 42.34 | | 45.04 |
| 8 | 44.65 | 43.82 | 48.42 | 43.52 | 43.10 | 43.05 | 45.78 | 42.40 | 42.27 | 42.33 | | 47.74 |
| 9 | 44.08 | 43.64 | 49.28 | 43.48 | 42.88 | 43.00 | 47.06 | 42.33 | 42.25 | 42.34 | | 47.42 |
| 10 | 44.20 | 43.42 | 48.25 | 43.42 | 45.65 | 42.98 | 46.96 | 42.38 | 42.24 | 42.33 | | 45.91 |
| 11 | 43.98 | 43.40 | 46.86 | 43.40 | 45.45 | 43.09 | 45.11 | 42.69 | 43.10 | 42.34 | 42.47 | 44.75 |
| 12 | 43.65 | 43.40 | 45.92 | 43.41 | 45.14 | 43.33 | 43.82 | 49.15 | 43.40 | 42.32 | 42.45 | 44.03 |
| 13 | 43.51 | 43.40 | 45.30 | 43.45 | 47.52 | 43.58 | 43.10 | 50.88 | 43.10 | 42.31 | 42.45 | 43.60 |
| 14 | 43.48 | 43.40 | 44.82 | 43.42 | 51.72 | 46.20 | 42.74 | 50.04 | 42.86 | 42.30 | 42.44 | 43.17 |
| 15 | 43.50 | 43.46 | 44.48 | 43.42 | 51.90 | 46.48 | 42.58 | 48.55 | 42.73 | 42.31 | 42.48 | 42.92 |
| 16 | 43.58 F | 48.20 F | 43.95 | 43.40 | 51.48 | 45.20 | 42.47 | 46.67 | 42.67 | 42.30 | 42.58 | 42.87 |
| 17 | 44.08 | 47.28 | 43.76 | 43.35 | 50.80 | 44.21 | 42.40 | 45.03 | 42.64 | 42.29 | 49.40 | 42.85 |
| 18 | 52.32 | 45.58 | 52.42 | 43.28 | 50.05 | 43.78 | 42.34 | 43.97 | 42.63 | 42.31 | 49.95 | 42.83 |
| 19 | 52.60 | 44.38 | 52.44 | 43.25 | 49.05 | 44.03 | 42.30 | 43.33 | 43.90 | 42.32 | 50.20 | 42.82 |
| 20 | 52.48 | 43.70 | 52.28 | 43.20 | 47.55 | 44.12 | 42.27 | 42.92 | 43.41 | 42.30 | 50.38 | 46.69 |
| 21 | 52.34 | 49.14 | 52.04 | 43.10 | 45.92 | 44.02 | 42.23 | 42.70 | 43.01 | 42.31 | 50.53 | 48.28 |
| 22 | 52.28 | 51.04 | 51.68 | 43.05 | 44.72 | 43.80 | 42.22 | 42.58 | 42.86 | 42.28 | 50.58 | 49.39 |
| 23 | 52.02 | 50.96 | 51.20 | 43.00 | | 43.38 | 42.21 | 42.52 | 42.77 | 42.29 | 50.52 | 48.79 |
| 24 | 51.67 | 50.38 | 51.58 | 42.95 | | 43.00 | 42.61 | 42.48 | 42.68 | 42.30 | 50.35 | 47.09 |
| 25 | 51.20 | 50.40 | 51.32 | 42.90 | | 43.35 | 42.52 | 42.61 | 42.61 | 42.31 | 50.02 | 45.54 |
| 26 | 50.50 | 51.30 | 50.90 | 42.88 | | 44.15 | 42.38 | 42.69 | 42.57 | 42.41 | 49.54 | 44.62 |
| 27 | 49.68 | 51.72 | 50.00 | 42.90 F | 43.10 | 43.40 | 42.35 | 43.02 | 42.56 | 42.67 | 48.68 | 46.22 |
| 28 | 48.60 | 51.80 | 49.00 | 42.82 | 42.96 | 43.00 | 42.39 | 42.79 | 42.54 | 42.62 | 50.35 | 47.32 |
| 29 | 47.52 | ----- | 47.88 | 42.80 | 42.90 | 42.82 | 42.49 | 42.63 | 42.39 | 42.56 | 50.38 | 46.69 |
| 30 | 46.60 | ----- | 46.72 | 42.82 | 42.95 | 42.78 | 42.50 | 42.53 | 42.56 | 42.52 | 49.99 | 45.42 |
| 31 | 45.84 | ----- | 45.96 | ----- | 42.86 | ----- | 42.51 | 42.46 | ----- | 42.49 | ----- | 44.52 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 47.29 | 46.31 | 48.94 | 43.46 | 45.49 | 43.66 | 43.10 | 43.75 | 42.67 | 42.37 | 46.90 | 45.63 |
| MAX | 52.60 | 51.80 | 52.44 | 45.49 | 51.90 | 46.48 | 47.06 | 50.88 | 43.90 | 42.67 | 50.58 | 49.39 |
| MIN | 43.48 | 43.40 | 43.76 | 42.80 | 42.80 | 42.63 | 42.21 | 42.31 | 42.24 | 42.28 | 42.44 | 42.82 |
| DAYS | 31 | 28 | 31 | 30 | 27 | 30 | 31 | 31 | 30 | 31 | 24 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 355

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 44.93.

HIGHEST STAGE WAS 52.62 AT 2:00 A.M. ON JAN 19.

LOWEST STAGE WAS 42.20 ON JUL 23 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU DU LAC NEAR HESSMER, LA.

LOCATION. LAT. 31-01-13, LONG. 92-08-54. HIGHWAY 115 BRIDGE, 3.6 MILES SOUTHWEST OF HESSMER.
(STA. 5520011.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. INTERMITTENTLY, 1937 TO 1947. DAILY, JAN. 31, 1947, TO DATE.

EXTREMES. HIGHEST, 54.34 FEET ON MAY 21 AND 22, 1953. LOWEST, 37.0 FEET FROM JUNE 15 TO 20, 1948.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|---------|-------|-------|-------|-------|-------|-------|-----|-------|-------|
| 1 | 44.80 | | 47.80 | 46.04 | 38.45 | 39.48 | 39.10 | 38.66 | 38.52 | | | 46.37 |
| 2 | 44.32 F | 44.56 | 47.85 | 45.58 | 38.88 | 39.32 | 39.17 | 38.91 | 38.55 | | | 46.08 |
| 3 | 43.84 | 44.28 | 47.80 | 45.12 | 38.50 | 39.26 | 40.01 | 38.84 | 38.53 | | | 45.65 |
| 4 | 44.28 | 43.82 | 47.65 | 44.60 | 38.84 | 39.20 | 40.16 | 38.57 | 38.47 | | | 45.17 |
| 5 | 44.28 | 43.32 | 47.38 | 43.66 | 39.90 | 40.44 | 39.62 | 38.49 | 38.37 | | | 44.72 |
| 6 | 44.08 | 42.12 | 47.00 | 42.10 | 40.95 | 40.28 | 39.11 | 38.43 | 38.30 | | | 44.26 |
| 7 | 43.70 | 41.22 | 46.56 | 41.32 | 41.10 | 39.78 | 39.25 | 38.38 | 38.32 | | | 44.16 |
| 8 | 43.18 | 40.80 | 46.32 | 41.00 | 40.35 | 39.50 | 41.31 | 38.63 | 38.31 | | | 44.40 |
| 9 | 41.82 | 40.42 | 46.25 | 40.82 | 39.70 | 39.50 | 43.40 | 38.70 | 38.33 | | | 44.36 |
| 10 | 41.46 | 40.02 | 46.12 | 40.42 | 42.55 | 38.98 | 43.25 | 38.67 | 38.33 | | | 44.14 |
| 11 | 40.95 | 39.68 | 45.75 | 40.20 | 42.50 | 38.68 | 42.09 | 38.80 | 38.49 | | 38.69 | 43.76 |
| 12 | 40.42 | 39.40 | 45.30 | 40.10 | 42.48 | 38.60 | 41.20 | 44.71 | 38.82 | | 38.63 | 43.21 |
| 13 | 39.95 | 39.34 | 44.84 | 39.98 | 43.58 | 38.85 | 40.34 | 44.72 | 39.47 | | 38.33 | 41.80 |
| 14 | 39.68 | 39.25 | 44.38 | 39.92 | 44.50 | 43.08 | 39.76 | 44.47 | 39.11 | | 38.21 | 40.53 |
| 15 | 39.50 | 39.20 | 43.90 | 39.90 | 44.72 | 43.15 | 39.40 | 44.38 | 38.73 | | 38.11 | 39.86 |
| 16 | 39.80 | 43.85 | 43.32 | 40.10 | 44.72 | 42.68 | 39.05 | 44.11 | 38.58 | | 38.39 | 39.42 |
| 17 | 40.75 | 43.82 | 42.95 F | 40.09 | 44.90 | 41.30 | 38.80 | 43.67 | 38.51 | | 44.14 | 39.19 |
| 18 | 46.58 | 43.48 | 46.99 | | 45.02 | 40.38 | 38.70 | 42.90 | 38.63 | | 44.32 | 39.13 |
| 19 | 47.25 | 42.35 | 47.52 | | 44.96 | 39.78 | 38.62 | 41.58 | 38.70 | | 44.68 | 39.12 |
| 20 | 47.58 | 40.95 | 47.82 F | 39.85 | 44.68 | 40.18 | 38.51 | 40.67 | 39.03 | | 44.81 | 43.42 |
| 21 | 47.78 | 44.20 | 48.08 | 40.38 | 44.30 | 40.80 | 38.46 | 40.04 | 38.97 | | 45.07 | 43.86 |
| 22 | 48.02 | 45.30 | 48.18 | 40.05 | 43.82 | 41.20 | 38.42 | 39.50 | 38.77 | | 45.42 | 44.31 |
| 23 | 48.10 | 45.54 | 48.20 | 39.60 | 43.08 | 41.28 | 38.75 | 39.36 | 38.61 | | 45.72 | 44.36 |
| 24 | 48.07 | 45.68 | 48.60 | 39.24 | 43.28 | 40.36 | 40.40 | 38.88 | 38.54 | | 45.94 | 44.20 |
| 25 | 47.95 | 46.02 | 48.60 | 38.92 | 42.12 | 41.35 | 39.77 | 38.66 | 38.46 | | 46.07 | 43.92 |
| 26 | 47.75 | 46.80 | 48.57 | 38.80 | 40.55 | 41.70 | 39.08 | 38.58 | 38.42 | | 46.14 | 43.54 |
| 27 | 47.45 | 47.32 | 48.40 | 38.76 | 39.70 | 40.72 | 38.71 | 38.55 | 38.34 | | 46.04 | 43.61 |
| 28 | 47.08 | 47.60 | 48.10 | 38.60 | 39.32 | 39.90 | 38.60 | 38.60 | 38.32 | | 46.42 | 43.83 |
| 29 | 46.85 | ----- | 47.68 | 38.72 | 39.10 | 39.35 | 38.53 | 38.69 | | | 46.51 | 43.82 |
| 30 | 46.40 | ----- | 47.19 | 38.58 | 39.38 | 39.19 | 38.41 | 38.62 | | | 46.52 | 43.60 |
| 31 | | ----- | 46.59 | ----- | 39.18 | ----- | 38.43 | 38.54 | ----- | | ----- | 42.99 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|-------|-------|
| MEAN | 44.46 | 42.98 | 46.83 | 40.80 | 41.78 | 40.28 | 39.63 | 40.14 | 38.59 | | 43.41 | 43.25 |
| MAX | 48.10 | 47.60 | 48.60 | 46.04 | 45.02 | 43.15 | 43.40 | 44.72 | 39.47 | | 46.52 | 46.37 |
| MIN | 39.50 | 39.20 | 42.95 | 38.58 | 38.45 | 38.60 | 38.41 | 38.38 | 38.30 | | 38.11 | 39.12 |
| DAYS | 30 | 27 | 31 | 28 | 31 | 30 | 31 | 31 | 28 | 0 | 20 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 318

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 41.99.

HIGHEST STAGE WAS 48.60 AT 3.00 A.M. ON MAR 24 AND LATER DATE(S).

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS 37.9 ON NOV. 10.

DAILY STAGE FOR 1987

BAYOU DES GLAISES NEAR COTTONPORT, LA.

LOCATION. LAT. 31-00-28, LONG. 92-03-03. HIGHWAY 107 BRIDGE, 1.7 MILES NORTH OF COTTONPORT.
(STA. 5525011.)

GAGE. AUTOMATIC RECORDER AND WIRE-WEIGHT.

RECORDS AVAILABLE. MAR. 15, 1955, TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 50.25 FEET ON JAN. 9, 1983. LOWEST, 33.62 FEET ON
SEP. 4, 1980.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1966 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|-------|-------|-------|---------|---------|-------|-------|-----|-------|-------|
| 1 | 43.27 | 43.44 | | 43.75 | 35.67 | 37.20 | 41.24 | 35.62 | 35.25 | | | 44.86 |
| 2 | 42.76 | 43.00 | | 43.23 | 36.13 | 37.13 | 41.24 | 35.91 | 35.35 | | | 44.59 |
| 3 | 42.18 | 42.60 | | 42.73 | 35.90 | 36.91 | | 36.02 | 35.27 | | | 44.19 |
| 4 | 42.40 | 42.15 | | 42.13 | 36.15 | 36.84 | | 35.70 | 35.14 | | | 43.77 |
| 5 | 42.45 | 41.52 | | 41.07 | 37.18 | 38.06 | | 35.51 | 35.04 | | | 43.29 |
| 6 | 42.34 | 40.17 | 45.52 | 39.35 | 38.34 | 38.17 | | 35.50 | 34.94 | | | 42.80 |
| 7 | 41.97 | 39.07 | 45.08 | 38.34 | 38.85 | 37.68 | | 35.35 | 34.95 | | | 42.48 |
| 8 | 41.30 | 38.54 | 44.82 | 37.88 | 38.15 | 37.32 | | 35.66 | 34.92 | | | 42.65 |
| 9 | 39.75 | 38.08 | 44.72 | 37.64 | 37.55 | 37.18 F | 40.62 | 35.76 | 34.91 | | | 42.72 |
| 10 | 39.24 | | 44.52 | 37.25 | 40.40 | 36.63 | 40.68 | 35.78 | 34.92 | | | 42.58 |
| 11 | 38.60 | | 44.20 | 36.76 | 40.00 | 36.05 | 39.76 | 35.70 | 35.27 | | 35.42 | 42.22 |
| 12 | 38.15 | | 43.76 | 36.62 | 40.20 | 35.87 | 38.83 F | 37.72 | 35.29 | | 35.79 | 41.55 |
| 13 | 37.64 | | 43.30 | 36.42 | 40.81 | 36.07 | 37.90 | | 36.40 | | 35.40 | 39.98 |
| 14 | 37.34 | | 42.84 | 36.30 | 41.62 | 40.17 | 37.20 | | 36.18 | | 35.10 | 38.57 |
| 15 | 37.14 | | 42.32 | 36.25 | 42.60 | 40.77 | 36.77 | | 35.61 | | 34.98 | 37.70 |
| 16 | 37.22 | | 41.65 | 36.39 | 42.76 | 40.48 | 36.38 | | 35.31 | | 35.02 | 37.13 |
| 17 | 38.15 | | 40.17 | 36.47 | 43.13 | 39.17 | 36.07 | | 35.17 | | 41.29 | 36.79 |
| 18 | 45.28 | | 44.45 | 37.20 | 43.37 | 38.19 | 35.86 | | 35.31 | | 41.79 | 36.62 |
| 19 | 45.97 | | 44.96 | 37.32 | 43.41 | 37.52 | 35.76 | | 35.47 | | 42.53 | 36.60 |
| 20 | 46.15 | | 45.27 | 37.41 | 43.20 | 37.75 | 35.59 F | 38.40 | 35.88 | | 42.70 | 40.49 |
| 21 | 46.30 | | 45.55 | 37.83 | 42.85 | 38.41 | 35.48 | | 35.90 | | 43.17 | 41.60 |
| 22 | 46.67 | | 45.72 | 37.69 | 42.35 | 38.65 | 35.42 | | 35.65 | | 43.67 | 42.37 |
| 23 | 46.73 F | 43.87 | 45.78 | 37.20 | 41.55 | 38.67 | 35.66 | | 35.40 | | 44.05 | 42.53 |
| 24 | 46.68 | 44.04 | 46.29 | 36.70 | 41.47 | 39.45 | 37.63 | | 35.25 | | 44.31 | 42.54 |
| 25 | 46.58 | 44.42 | 46.31 | 36.35 | 40.47 | 39.13 | 37.27 | | 35.12 | | 44.46 | 42.31 |
| 26 | 46.36 | 45.24 | 46.25 | 36.08 | 38.95 | 38.25 | 36.47 | 35.69 | 35.05 | | 44.55 | 41.86 |
| 27 | 46.01 | | 46.08 | 36.08 | 37.94 | 39.25 | 35.94 | 35.48 | 34.96 | | 44.50 | 41.50 |
| 28 | 45.53 | | 45.74 | 35.89 | 37.38 | 40.15 | 35.66 | 35.52 | 34.89 | | 44.79 | 41.75 |
| 29 | 45.03 | ----- | 45.31 | 35.94 | 37.07 | 40.79 | 35.56 | 35.55 | | | 44.91 | 41.91 |
| 30 | 44.51 | ----- | 44.81 | 35.98 | 37.36 | 41.08 | 35.36 | 35.55 | | | 44.94 | 41.77 |
| 31 | 43.98 | ----- | 44.29 | ----- | 37.00 | ----- | 35.33 | 35.35 | ----- | | ----- | 41.10 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|-------|-------|
| MEAN | 42.70 | 42.01 | 44.60 | 37.87 | 39.67 | 38.30 | 37.19 | 35.88 | 35.31 | | 41.17 | 41.38 |
| MAX | 46.73 | 45.24 | 46.31 | 43.75 | 43.41 | 41.08 | 41.24 | 38.40 | 36.40 | | 44.94 | 44.86 |
| MIN | 37.14 | 38.08 | 40.17 | 35.89 | 35.67 | 35.87 | 35.33 | 35.35 | 34.89 | | 34.98 | 36.60 |
| DAYS | 31 | 13 | 26 | 30 | 31 | 30 | 25 | 19 | 28 | 0 | 20 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 284

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 39.62.

HIGHEST STAGE WAS 46.73 AT 3.30 A.M. ON JAN. 22 AND LATER DATE(S).

LOWEST STAGE WAS 34.89 ON SEP. 28.

DAILY STAGE FOR 1987

COULEE DES GRUES AT MARKSVILLE, LA.

LOCATION. LAT. 31-06-32. LONG. 92-03-49. TEXAS AND PACIFIC RAILROAD TRESTLE, 100 FEET WEST OF HIGHWAY 1 BRIDGE. (STA. 5555011.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1932, 1937 TO 1942, AND 1944 TO 1946. DAILY, AUG. 14, 1946, TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 59.7 FEET ON APR. 25, 1945. LOWEST, 40.0 FEET ON JAN. 2 AND 9, 1972.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 44.2 | 44.2 | 47.8 | 44.6 | 42.6 | 42.9 | 42.9 | 42.4 | 42.6 | 42.3 | 42.0 | 46.3 |
| 2 | 44.0 | 44.2 | 47.6 | 44.4 | 42.6 | 42.9 | 42.9 | 42.3 | 42.5 | 42.2 | 42.0 | 45.1 |
| 3 | 43.8 | 44.1 | 47.4 | 44.2 | 42.6 | 42.9 | 42.8 | 42.3 | 42.5 | 42.2 | 42.0 | 44.6 |
| 4 | 45.7 | 44.0 | 47.2 | 44.1 | 42.6 | 44.0 | 42.8 | 42.3 | 42.5 | 42.2 | 42.0 | 44.0 |
| 5 | 45.6 | 43.8 | 47.0 | 44.0 | 42.5 | 43.7 | 42.8 | 42.2 | 42.5 | 42.2 | 42.0 | 43.8 |
| 6 | 44.9 | 43.6 | 46.5 | 44.0 | 42.5 | 43.3 | 42.8 | 42.2 | 42.5 | 42.2 | 42.0 | 43.6 |
| 7 | 44.2 | 43.5 | 46.5 | 43.9 | 42.5 | 43.0 | 44.2 | 42.2 | 42.4 | 42.2 | 42.0 | 44.8 |
| 8 | 44.0 | 43.4 | 47.4 | 43.8 | 42.5 | 43.0 | 44.8 | 42.2 | 42.4 | 42.2 | 42.1 | 44.8 |
| 9 | 43.6 | 43.3 | 46.5 | 43.7 | 43.0 | 43.0 | 45.0 | 42.2 | 42.4 | 42.1 | 42.3 | 45.0 |
| 10 | 43.8 | 43.2 | 46.1 | 43.5 | 44.5 | 42.9 | 44.7 | 42.2 | 42.4 | 42.1 | 42.2 | 44.0 |
| 11 | 43.6 | 43.2 | 45.2 | 43.4 | 44.1 | 42.9 | 44.2 | 42.9 | 42.4 | 42.1 | 42.1 | 43.7 |
| 12 | 43.5 | 43.1 | 44.6 | 43.3 | 45.0 | 42.9 | 43.5 | 46.7 | 42.4 | 42.1 | 42.1 | 43.4 |
| 13 | 43.4 | 43.1 | 44.3 | 43.2 | 45.6 | 43.5 | 43.0 | 46.9 | 42.3 | 42.1 | 42.1 | 43.3 |
| 14 | 43.3 | 43.0 | 44.1 | 43.1 | 48.7 | 44.6 | 42.9 | 46.7 | 42.3 | 42.1 | 42.1 | 43.1 |
| 15 | 43.3 | 44.8 | 43.9 | 43.1 | 48.3 | 44.5 | 42.8 | 46.4 | 42.3 | 42.1 | 42.1 | 43.0 |
| 16 | 43.4 | 45.9 | 43.8 | 43.0 | 48.0 | 44.1 | 42.8 | 46.0 | 42.3 | 42.1 | 42.3 | 42.8 |
| 17 | 43.6 | 45.1 | 43.6 | 43.0 | 47.6 | 43.7 | 42.7 | 45.7 | 42.3 | 42.1 | 46.4 | 42.8 |
| 18 | 48.6 | 44.2 | 48.5 | 43.0 | 47.1 | 43.4 | 42.7 | 45.2 | 42.3 | 42.1 | 46.1 | 42.7 |
| 19 | 48.2 | 43.6 | 48.4 | 42.9 | 46.6 | 43.2 | 42.7 | 44.6 | 42.3 | 42.0 | 46.0 | 42.7 |
| 20 | 48.1 | 43.1 | 48.1 | 42.9 | 46.0 | 43.7 | 42.7 | 44.0 | 43.0 | 42.0 | 46.0 | 45.0 |
| 21 | 48.0 | 46.4 | 48.0 | 42.9 | 45.0 | 43.5 | 42.6 | 43.3 | 42.9 | 42.0 | 46.0 | 45.8 |
| 22 | 48.0 | 47.8 | 47.9 | 42.9 | 44.0 | 43.2 | 42.6 | 42.8 | 42.8 | 42.0 | 46.0 | 46.2 |
| 23 | 47.9 | 47.4 | 47.6 | 42.8 | 43.5 | 43.0 | 42.6 | 42.8 | 42.6 | 42.0 | 46.3 | 46.0 |
| 24 | 47.8 | 47.1 | 47.9 | 42.8 | 43.8 | 42.8 | 42.5 | 42.8 | 42.4 | 42.0 | 46.3 | 45.2 |
| 25 | 47.7 | 47.2 | 47.7 | 42.8 | 43.5 | 42.8 | 42.5 | 42.8 | 42.4 | 42.0 | 46.2 | 44.2 |
| 26 | 47.5 | 48.1 | 47.3 | 42.8 | 43.5 | 42.8 | 42.5 | 42.7 | 42.3 | 42.0 | 46.1 | 43.5 |
| 27 | 47.3 | 47.9 | 47.1 | 42.7 | 43.0 | 42.8 | 42.5 | 42.7 | 42.3 | 43.0 | 46.0 | 44.4 |
| 28 | 46.8 | 47.9 | 46.7 | 42.7 | 43.0 | 42.8 | 42.4 | 42.6 | 42.2 | 42.5 | 46.9 | 45.0 |
| 29 | 45.9 | ----- | 46.1 | 42.7 | 43.0 | 42.8 | 42.4 | 42.6 | 44.5 | 42.0 | 46.7 | 44.0 |
| 30 | 45.1 | ----- | 45.3 | 42.7 | 42.9 | 42.8 | 42.4 | 42.6 | 43.0 | 42.0 | 46.6 | 44.2 |
| 31 | 44.6 | ----- | 45.0 | ----- | 42.9 | ----- | 42.4 | 42.6 | ----- | 42.0 | ----- | 44.4 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 45.5 | 44.9 | 46.5 | 43.3 | 44.3 | 43.2 | 43.0 | 43.5 | 42.5 | 42.1 | 44.0 | 44.2 |
| MAX | 48.6 | 48.1 | 48.5 | 44.6 | 48.7 | 44.6 | 45.0 | 46.9 | 44.5 | 43.0 | 46.9 | 46.3 |
| MIN | 43.3 | 43.0 | 43.6 | 42.7 | 42.5 | 42.8 | 42.4 | 42.2 | 42.2 | 42.0 | 42.0 | 42.7 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 43.9

HIGHEST STAGE WAS 48.7 AT 8.00 A.M. ON MAY 14

LOWEST STAGE WAS 42.0 ON OCT 19 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU DES GLAISES (RS) AT HAMBURG, LA.

LOCATION. LAT. 31-01-08. LONG. 91-55-11. GAGE HOUSE ON CROWN OF BAYOU DES GLAISES FUSEPLUG LEVEE,
INTAKE 50 FEET EAST OF SMALL BRIDGE CROSSING BAYOU DES GLAISES NEAR INTERSECTION OF STATE
HIGHWAY 1 AND HABPL. (STA. 5590011.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1932, 1937, 1945, 1946, 1949, 1950, AND, 1952. DAILY, FEB
1971, TO DATE

EXTREMES. (FROM 1971 TO DATE) HIGHEST, 36.41 FEET ON MAY 15, 1973. LOWEST, (FROM INCOMPLETE
RECORD) 22.00 FEET ON JUL. 16, 1980.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 29.44 | 29.98 | 29.88 | 29.00 | 26.50 | 25.74 | 25.57 | 25.64 | 25.16 | 25.66 | 26.50 | 25.74 |
| 2 | 29.41 | 29.90 | 29.84 | 28.93 | 26.38 | 25.70 | 25.55 | 25.63 | 25.14 | 25.64 | 26.52 | 25.80 |
| 3 | 29.17 | 29.89 | 29.74 | 28.83 | 26.34 | 25.66 | 25.80 | 25.62 | 25.13 | 25.80 | 26.27 | 25.83 |
| 4 | 29.28 | 29.85 | 29.54 | 28.72 | 26.23 | 25.65 | 26.06 | 25.60 | 25.14 | 26.00 | 26.00 | 25.84 |
| 5 | 29.25 | 29.81 | 29.37 | 28.63 | 26.15 | 25.62 | 26.04 | 25.61 | 25.15 | 26.14 | 26.00 | 25.85 |
| 6 | 29.25 | 29.76 | 29.25 | 28.63 | 26.18 | 25.65 | 25.90 | 25.60 | 25.17 | 26.24 | 25.99 | 25.88 |
| 7 | 29.16 | 29.72 | 29.35 | 28.53 | 26.24 | 25.63 | 25.84 | 25.60 | 25.19 | 26.28 | 26.00 | 25.87 |
| 8 | 29.15 | 29.65 | 29.72 | 28.40 | 26.26 | 25.65 | 25.70 | 25.57 | 25.20 | 26.32 | 26.05 | 25.56 |
| 9 | 29.14 | 29.60 | 30.20 | 28.27 | 26.22 | 25.72 | 25.67 | 25.54 | 25.22 | 26.36 | 25.84 | 25.38 |
| 10 | 29.03 | 29.48 | 30.55 | 28.20 | 26.50 | 25.68 | | 25.64 | 25.28 | 26.40 | 25.53 | 25.29 |
| 11 | 28.98 | 29.48 | 30.95 | 28.06 | 26.62 | 25.64 | | 25.71 | 25.31 | 26.30 | 25.39 | 25.25 |
| 12 | 28.94 | 29.38 | 31.20 | 27.95 | 26.63 | 25.62 | | 26.34 | 25.36 | 26.30 | 25.35 | 25.24 |
| 13 | 29.09 | 29.35 | 31.38 | 27.90 | 26.70 | 25.69 | | 26.05 | 25.37 | 26.30 | 25.34 | 25.20 |
| 14 | 29.10 | 29.24 | 31.62 | 27.84 | 26.74 | 26.01 | | 25.85 | 25.37 | 26.32 | 25.37 | 25.18 |
| 15 | 29.12 | 29.65 | 31.64 | 27.76 | 26.67 | 26.14 | | 25.73 | 25.37 | 26.30 | 25.42 | 25.12 |
| 16 | 29.11 | 29.37 | 31.65 | 27.65 | 26.57 | 26.28 | | 25.58 | 25.40 | 26.30 | 25.59 | 25.08 |
| 17 | 29.15 | 29.32 | 31.55 | 27.62 | 26.50 | 26.35 | | 25.54 | 25.40 | 26.30 | 24.74 | 25.05 |
| 18 | 30.23 | 29.29 F | 31.67 | 27.53 | 26.40 | 26.23 | | 25.57 | 25.43 | 26.30 | 25.14 | 25.06 |
| 19 | 30.20 | 29.25 | 31.65 | 27.43 | 26.27 | 26.13 | | 25.55 | 25.60 | 26.30 | 25.10 | 25.08 |
| 20 | 30.19 | 29.23 F | 31.11 | 27.37 | 26.23 | 26.12 | | 25.45 | 25.62 | 26.30 | 25.26 | 25.26 |
| 21 | 30.12 | 29.35 | 30.75 | 27.15 | 26.17 | 26.17 | | 25.39 | 25.60 | 26.30 | 25.27 | 25.30 |
| 22 | 30.15 | 29.43 | 30.37 | 27.09 | 26.07 | 26.17 | | 25.32 | 25.63 | 26.29 | 25.12 | 25.40 |
| 23 | 30.12 | 29.42 | 30.27 | 27.04 | 25.93 | 26.04 | | 25.28 | 25.62 | 26.32 | | 25.50 |
| 24 | 30.10 | 29.44 | 30.21 | 27.00 | 25.93 | 25.90 | | 25.26 | 25.62 | 26.34 | 25.20 | 25.57 |
| 25 | 30.13 | 29.55 | 29.98 | 26.94 | 25.93 | 25.80 | | 25.20 | 25.63 | 26.35 | 25.24 | 25.59 |
| 26 | 30.12 | 29.92 | 29.74 | 26.85 | 25.94 | 25.72 | | 25.19 | 25.64 | 26.34 | 25.30 | 25.50 |
| 27 | 30.10 | 29.87 | 29.49 | 26.85 | 25.93 | 25.64 | | 25.16 | 25.65 | 26.50 | 25.33 | 25.55 |
| 28 | 30.20 | 29.94 | 29.40 | 26.75 | 25.90 | 25.58 | 25.70 | 25.15 | 25.67 | 26.47 | 25.50 | 25.52 |
| 29 | 30.15 | ----- | 29.28 | 26.70 | 25.79 | 25.53 | 25.68 | 25.15 | 25.79 | 26.46 | 25.56 | 25.46 |
| 30 | 30.11 | ----- | 29.14 | 26.60 | 25.73 | 25.51 | 25.65 | 25.15 | 25.69 | 26.47 | 25.66 | 25.40 |
| 31 | 30.03 | ----- | 29.06 | ----- | 25.75 | ----- | 25.63 | 25.15 | ----- | 26.49 | ----- | 25.40 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 29.60 | 29.58 | 30.31 | 27.74 | 26.24 | 25.83 | 25.75 | 25.51 | 25.42 | 26.26 | 25.57 | 25.44 |
| MAX | 30.23 | 29.98 | 31.67 | 29.00 | 26.74 | 26.35 | 26.06 | 26.34 | 25.79 | 26.50 | 26.52 | 25.88 |
| MIN | 28.94 | 29.23 | 29.06 | 26.60 | 25.73 | 25.51 | 25.55 | 25.15 | 25.13 | 25.64 | 24.74 | 25.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 13 | 31 | 30 | 31 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 346

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 26.99

HIGHEST STAGE WAS 32.02 AT 10:45 A.M. ON MAR 17.

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS 24.37 ON NOV 22.

DAILY STAGE FOR 1987

WABPL BORROW PIT (LS) AT BAYOU ROUGE (LA.)

LOCATION. LAT. 30-45-20. LONG. 91-54-40. ON PILE AT JUNCTION WITH BAYOU ROUGE, 2.7 MILES NORTH OF PALMETTO, LA. (STA. 5805012A)

GAGE AUTOMATIC RECORDER.

RECORDS AVAILABLE FEB 13, 1937 TO 1979, AND OCT. 8, 1981 TO DATE.

EXTREMES HIGHEST, 33.2 FEET (FROM WATERMARK) IN MAY 1953. LOWEST, 9.8 FEET ON OCT. 15 AND 16, 1950.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1987 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|---------|-------|-------|---------|-------|-------|-------|-------|-------|
| 1 | 18.72 | 18.96 | 23.69 | 18.74 | 17.31 | 17.01 | 17.43 | 16.82 | 17.31 | 16.61 | 15.64 | 17.67 |
| 2 | 18.42 | 18.81 | 21.94 | 18.43 | 17.31 | 16.95 | 17.52 | 16.95 | 17.30 | 15.78 | 15.62 | 17.97 |
| 3 | 18.11 | 18.52 | | 18.11 | 17.35 | 17.07 | 17.90 | 17.13 | 17.20 | 15.12 | 15.40 | 17.44 |
| 4 | 19.45 | 18.20 | | 18.25 | 17.34 | 17.10 | 17.55 | 17.25 | 17.31 | 15.14 | 15.42 | 17.32 |
| 5 | 19.63 | 17.83 | 19.83 | 18.13 | 17.48 | 17.23 | 17.57 | 17.31 | 17.36 | 15.27 | 15.40 | 17.08 |
| 6 | 18.74 | 17.43 | 19.57 | 17.85 | 17.60 | 17.49 | 17.47 | 17.31 | 17.37 | 15.62 | 15.29 | 16.86 |
| 7 | 18.29 | 17.06 | 19.40 | 17.41 | 17.72 | 17.47 | 17.47 | 17.28 | 17.20 | 15.67 | 15.24 | 16.65 |
| 8 | 17.84 | 16.74 | 19.71 | 17.65 | 17.57 | 17.35 | 17.41 | 17.23 | 17.28 | 15.72 | 15.27 | 16.70 |
| 9 | 17.43 | 16.43 | 20.27 | 17.65 | 17.49 | 17.30 | 18.10 | 17.19 | 17.33 | 15.71 | 15.36 | 16.78 |
| 10 | 17.03 | 17.28 | 19.65 | 17.62 | 17.89 | 17.38 | 18.20 | 17.50 | 17.37 | 15.69 | 15.42 | 16.69 |
| 11 | 16.82 | 17.03 | 19.10 | 17.55 | | 17.23 | 17.75 | 16.94 | 17.44 | 15.66 | 15.43 | 16.51 |
| 12 | 16.51 | 16.32 | 18.75 | 17.52 | | 17.13 | 17.26 | 18.04 | 17.48 | 15.59 | 15.45 | 16.26 |
| 13 | 17.30 | 16.40 | 18.44 | 17.48 | | 18.41 | 16.44 | 21.21 | 17.49 | 15.58 | 15.56 | 15.93 |
| 14 | 16.52 | 16.90 | 18.71 | 17.45 | | 18.39 | 17.32 | 20.25 | 17.50 | 15.48 | 15.59 | 15.51 |
| 15 | 16.06 | 17.35 | 18.62 | 17.40 | | 18.55 | 17.64 | 18.77 | 17.48 | 15.43 | 15.54 | 15.43 |
| 16 | 16.41 | 20.13 | 18.45 | 17.31 | | 16.60 | 17.56 | 18.12 | 17.45 | 15.33 | 15.61 | 16.18 |
| 17 | 18.18 | 19.25 | 17.99 | 17.12 | | 17.05 | 17.44 | 17.63 | 17.43 | 15.55 | 15.06 | 15.63 |
| 18 | 25.47 | 18.04 | 22.82 | 17.20 F | 18.00 | 17.84 | 17.39 | 17.75 | 17.45 | 15.48 | 16.77 | 15.47 |
| 19 | 26.82 | 17.27 | 23.57 | 17.26 | 17.94 | 17.67 | 17.30 | 17.69 | 17.37 | 15.33 | 16.49 | 15.88 |
| 20 | 26.52 | 16.47 | 21.86 | 17.27 | 18.16 | 17.52 | 17.22 | 17.60 | 17.24 | 15.55 | 16.62 | 16.65 |
| 21 | 25.43 | 19.27 | | 17.44 | 18.10 | 17.30 | 17.00 | | 17.13 | 15.82 | 16.70 | 18.58 |
| 22 | 25.13 | 21.17 | | 17.51 | 18.00 | 17.47 | 16.87 | | 17.27 | 15.67 | 16.88 | 18.13 |
| 23 | 24.27 | 21.75 F | 21.00 | 17.51 | 17.86 | 17.35 | 17.09 | | 17.35 | 15.51 | 17.07 | 17.64 |
| 24 | 22.82 | 20.24 | 22.25 | 17.49 | 18.21 | 17.12 | 17.24 | | 17.37 | 15.43 | 17.32 | 17.18 |
| 25 | 21.77 | 21.49 | 22.35 | 17.45 | 18.40 | 17.07 | 17.51 | | 17.38 | 15.37 | 17.47 | 16.87 |
| 26 | 21.04 | 22.77 | 20.96 | 17.44 | 17.99 | 17.40 | 17.51 | | 17.38 | 15.36 | 17.28 | 16.51 |
| 27 | 20.56 | 24.83 | 20.17 | 17.41 | 16.95 | 17.54 | 17.20 | | 17.38 | 15.58 | 17.33 | 16.43 |
| 28 | 20.16 | 24.72 | 19.82 | 17.35 | 17.71 | 17.51 | 16.97 | | 17.37 | 15.80 | 17.53 | 16.48 |
| 29 | 19.83 | ----- | 19.52 | 17.31 | 17.72 | 17.44 | 16.95 | | 17.38 | 15.80 | 17.86 | 16.46 |
| 30 | 19.52 | ----- | 19.37 | 17.29 | 17.50 | 17.37 | 16.91 | | 17.37 | 15.64 | 17.77 | 16.33 |
| 31 | 19.23 | ----- | 19.10 | ----- | 17.35 | ----- | 16.83 F | 17.40 | ----- | 15.69 | ----- | 16.15 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 20.00 | 18.88 | 20.26 | 17.59 | 17.71 | 17.41 | 17.34 | 17.78 | 17.36 | 15.58 | 16.18 | 16.68 |
| MAX | 26.82 | 24.83 | 23.69 | 18.74 | 18.40 | 18.55 | 18.20 | 21.21 | 17.50 | 16.61 | 17.86 | 18.58 |
| MIN | 16.06 | 16.32 | 17.99 | 17.12 | 16.95 | 16.60 | 16.44 | 16.82 | 17.13 | 15.12 | 15.06 | 15.43 |
| DAYS | 31 | 28 | 27 | 30 | 24 | 30 | 31 | 21 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 344

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 17.70

HIGHEST STAGE WAS 26.82 AT 8 00 A.M. ON JAN 19

LOWEST STAGE WAS 14.47 ON NOV 17

DAILY STAGE FOR 1987

BIG DARBOUNNE BAYOU (LS) AT COURTABLEAU, LA

LOCATION LAT 30-33-05, LONG. 91-51-55. ON WEST SIDE OF LEVEE AT DARBOUNNE BAYOU CONTROL
STRUCTURE (STA 5815012E)

GAGE STAFF TYPE

RECORDS AVAILABLE INTERMITTENTLY, 1931 TO 1934, 1941 TO 1958, AND 1961 TO 1966. DAILY,
MAY 1966 TO DATE

EXTREMES. HIGHEST, 25.6 FEET ON MAY 23, 1953 LOWEST (FROM INCOMPLETE RECORD) 10.5 FEET ON SEP.
15, 1954.

DAILY SEVEN A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.99 | 18.09 | 18.69 | 17.84 | 17.64 | 17.39 | 17.79 | 17.19 | 17.85 | 17.05 | 16.10 | 16.70 |
| 2 | 17.79 | 17.99 | 18.54 | 17.69 | 17.59 | 17.29 | 17.84 | 17.29 | 17.75 | 16.30 | 16.05 | 16.70 |
| 3 | 17.59 | 17.84 | 18.39 | 17.49 | 17.69 | 17.29 | 17.84 | 17.49 | 17.65 | 15.50 | 15.90 | 16.60 |
| 4 | 17.79 | 17.59 | 18.29 | 17.89 | 17.69 | 17.49 | 17.84 | 17.59 | 17.75 | 15.70 | 15.85 | 16.60 |
| 5 | 17.94 | 17.34 | 18.19 | 17.89 | 17.79 | 17.59 | 17.89 | 17.69 | 17.75 | 15.65 | 15.85 | 16.40 |
| 6 | 17.79 | 17.04 | 18.14 | 17.79 | 17.89 | 17.79 | 17.84 | 17.69 | 17.75 | 16.00 | 15.75 | 16.30 |
| 7 | 17.59 | 16.89 | 18.24 | 17.54 | 17.99 | 17.79 | 17.79 | 17.69 | 17.75 | 16.10 | 15.70 | 16.20 |
| 8 | 17.34 | 16.69 | 18.29 | 17.89 | 17.89 | 17.69 | 17.74 | 17.64 | 17.75 | 16.15 | 15.80 | 16.20 |
| 9 | 17.09 | 16.49 | 18.29 | 17.89 | 17.84 | 17.64 | 18.29 | 17.59 | 17.80 | 16.20 | 15.80 | 16.30 |
| 10 | 16.89 | 17.59 | 18.19 | 17.89 | 17.99 | 17.59 | 18.19 | 17.69 | 17.80 | 16.20 | 15.90 | 16.30 |
| 11 | 16.69 | 17.29 | 18.09 | 17.89 | 18.09 | 17.54 | 17.99 | 17.29 | 17.90 | 16.10 | 15.85 | 16.10 |
| 12 | 16.49 | 16.54 | 17.89 | 17.79 | 18.09 | 17.59 | 17.49 | 18.09 | 17.95 | 16.10 | 15.90 | 15.95 |
| 13 | 17.59 | 16.69 | 17.74 | 17.79 | 18.19 | 17.74 | 16.79 | 18.19 | 17.95 | 16.00 | 15.95 | 15.75 |
| 14 | 16.69 | 17.24 | 18.39 | 17.79 | 17.94 | 18.09 | 17.79 | 17.69 | 17.95 | 15.95 | 15.90 | 15.60 |
| 15 | 16.29 | 17.59 | 18.34 | 17.69 | 17.99 | 18.34 | 17.99 | 17.94 | 17.90 | 15.90 | 15.80 | 15.65 |
| 16 | 16.64 | 17.59 | 18.29 | 17.64 | 17.99 | 16.19 | 17.89 | 17.59 | 17.90 | 15.80 | 15.75 | 16.55 |
| 17 | 18.14 | 17.59 | 17.79 | 17.44 | 17.89 | 17.09 | 17.79 | 17.19 | 17.85 | 16.00 | 14.70 | 16.00 |
| 18 | 18.69 | 17.19 | 18.39 | 17.49 | 17.84 | 18.04 | 17.69 | 17.54 | 17.85 | 15.90 | 16.30 | 15.85 |
| 19 | 19.04 | 16.74 | 18.59 | 17.59 | 17.69 | 17.94 | 17.69 | 17.59 | 17.75 | 15.80 | 16.00 | 16.00 |
| 20 | 18.99 | 16.19 | 18.49 | 17.59 | 17.99 | 17.74 | 17.59 | 17.69 | 17.70 | 16.00 | 16.10 | 17.00 |
| 21 | 18.89 | 17.09 | 18.34 | 17.74 | 17.99 | 17.64 | 17.39 | 17.49 | 17.60 | 16.30 | 16.20 | 18.40 |
| 22 | 18.94 | 17.94 | 18.29 | 17.79 | 17.89 | 17.64 | 17.29 | 17.75 | 17.70 | 16.15 | 16.40 | 16.80 |
| 23 | 18.89 | 18.09 | 18.29 | 17.79 | 17.99 | 17.59 | 17.49 | 17.75 | 17.80 | 16.00 | 16.50 | 16.60 |
| 24 | 18.74 | 17.89 | 18.79 | 17.79 | 18.29 | 17.39 | 17.59 | 17.75 | 17.80 | 15.90 | 16.60 | 16.40 |
| 25 | 18.64 | 18.09 | 18.79 | 17.79 | 18.29 | 17.34 | 17.79 | 17.75 | 17.80 | 15.85 | 16.80 | 16.20 |
| 26 | 18.59 | 18.29 | 18.69 | 17.79 | 18.14 | 17.59 | 17.89 | 17.80 | 17.80 | 15.80 | 16.50 | 16.20 |
| 27 | 18.49 | 18.59 | 18.54 | 17.74 | 17.14 | 17.79 | 17.59 | 17.85 | 17.80 | 16.10 | 16.50 | 16.10 |
| 28 | 18.38 | 18.69 | 18.39 | 17.69 | 17.99 | 17.79 | 17.34 | 17.90 | 17.80 | 16.20 | 16.60 | 15.95 |
| 29 | 18.29 | ----- | 18.29 | 17.64 | 18.09 | 17.79 | 17.34 | 17.85 | 17.80 | 16.20 | 16.70 | 16.00 |
| 30 | 18.14 | ----- | 18.19 | 17.64 | 17.89 | 17.69 | 17.29 | 17.90 | 17.80 | 16.10 | 16.80 | 15.90 |
| 31 | 18.14 | ----- | 17.99 | ----- | 17.69 | ----- | 17.29 | 17.90 | ----- | 16.20 | ----- | 15.90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.91 | 17.46 | 18.32 | 17.73 | 17.91 | 17.60 | 17.68 | 17.68 | 17.80 | 16.04 | 16.08 | 16.30 |
| MAX | 19.04 | 18.69 | 18.79 | 17.89 | 18.29 | 18.34 | 18.29 | 18.19 | 17.95 | 17.05 | 16.80 | 18.40 |
| MIN | 16.29 | 16.19 | 17.74 | 17.44 | 17.14 | 16.19 | 16.79 | 17.19 | 17.60 | 15.50 | 14.70 | 15.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 17.38

HIGHEST STAGE WAS 19.04 AT 8 00 A.M. ON JAN 19

LOWEST STAGE WAS 14.70 ON NOV 17

DAILY STAGE FOR 1987

BAYOU COURTABLEAU AT WASHINGTON, LA.

LOCATION. LAT. 30-37-05, LONG. 92-03-20. STATE HIGHWAY 10 BRIDGE, SIX MILES NORTH OF OPELOUSAS, LA. (STA. 5820012A.)

GAGE. AUTOMATIC RECORDER (DIGITAL) AND WIRE WEIGHT.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY SINCE JULY 1946.

RECORDS AVAILABLE. STAGE, INTERMITTENTLY, 1939 TO 1946. DAILY, JULY 1946 TO DATE. DISCHARGE, DAILY, COMPUTED AND PUBLISHED BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 35.29 FEET ON MAY 22, 1953. LOWEST, 10.72 FEET ON OCT. 18, 1956.

MEAN DAILY STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 21.53 | 24.26 | 27.02 | 19.88 | 18.22 | 18.02 | 18.44 | 17.73 | 18.32 | 17.40 | 16.54 | 22.47 |
| 2 | 20.29 | 23.45 | 26.84 | 19.39 | 18.23 | 17.93 | 18.53 | 17.86 | 18.22 | 16.57 | 16.49 | 22.24 |
| 3 | 19.80 | 22.27 | 26.58 | 19.19 | 18.25 | 18.01 | 18.52 | 18.03 | 18.15 | 16.00 | 16.34 | 21.90 |
| 4 | 21.50 | 20.82 | 26.22 | 19.32 | 18.30 | 18.04 | 18.58 | 18.16 | 18.22 | 16.05 | 16.32 | 21.55 |
| 5 | 22.04 | 19.69 | 25.84 | 19.33 | 18.49 | 18.17 | 18.54 | 18.24 | 18.27 | 16.17 | 16.29 | 21.04 |
| 6 | 21.61 | 19.20 | 25.44 | 19.18 | 18.62 | 18.36 | 18.43 | 18.27 | 18.25 | 16.49 | 16.18 | 20.25 |
| 7 | 20.55 | 18.91 | 25.01 | 18.97 | 18.65 | 18.34 | 18.54 | 18.23 | 18.13 | 16.60 | 16.15 | 20.03 |
| 8 | 19.53 | 18.62 | 24.51 | 19.06 | 18.51 | 18.23 | 19.25 | 18.20 | 18.18 | 16.62 | 16.18 | 20.83 |
| 9 | 19.01 | 18.45 | 23.96 | 19.05 | 18.51 | 18.16 | 20.77 | 18.18 | 18.23 | 16.61 | 16.27 | 20.87 |
| 10 | 18.74 | 18.87 | 23.31 | 18.96 | 18.96 | 18.14 | 20.60 | 18.49 | 18.29 | 16.57 | 16.32 | 20.33 |
| 11 | 18.50 | 18.61 | 22.38 | 18.92 | 19.19 | 18.08 | 19.80 | 18.80 | 18.37 | 16.54 | 16.29 | 19.59 |
| 12 | 18.37 | 18.04 | 21.29 | 18.82 | 19.41 | 18.10 | 18.87 | 19.35 | 18.40 | 16.50 | 16.31 | 18.81 |
| 13 | 18.71 | 18.04 | 20.34 | 18.73 | 19.76 | 18.41 | 18.07 | 19.26 | 18.39 | 16.45 | 16.40 | 18.24 |
| 14 | 18.15 | 18.41 | 20.03 | 18.69 | 19.94 | 18.94 | 18.59 | 18.87 | 18.39 | 16.40 | 16.42 | 17.79 |
| 15 | 17.84 | 19.94 | 19.85 | 18.62 | 20.20 | 18.70 | 18.90 | 18.70 | 18.36 | 16.32 | 16.39 | 17.59 |
| 16 | 18.85 | 22.46 | 19.65 | 18.42 | 20.01 | 17.37 | 18.74 | 18.27 | 18.33 | 16.25 | 16.29 | 17.92 |
| 17 | 21.82 | 22.65 | 20.02 | 18.24 | 19.59 | 18.08 | 18.57 | 17.98 | 18.33 | 16.44 | 18.17 | 17.57 |
| 18 | 26.12 | 21.76 | 24.11 | 18.24 | 19.30 | 18.87 | 18.52 | 18.17 | 18.35 | 16.34 | 20.00 | 17.30 |
| 19 | 27.30 | 19.98 | 24.74 | 18.25 | 18.91 | 18.67 | 18.41 | 18.25 | 18.27 | 16.25 | 20.72 | 17.49 |
| 20 | 27.57 | 19.31 | 24.93 | 18.26 | 18.80 | 18.39 | 18.26 | 18.29 | 18.14 | 16.49 | 21.07 | 18.84 |
| 21 | 27.68 | 22.04 | 25.00 | 18.38 | 18.70 | 18.28 | 18.02 | 18.25 | 18.07 | 16.69 | 21.35 | 20.85 |
| 22 | 28.00 | 24.01 | 25.00 | 18.43 | 18.60 | 18.35 | 17.96 | 18.27 | 18.18 | 16.54 | 21.62 | 21.70 |
| 23 | 28.01 | 24.48 | 25.18 | 18.43 | 18.63 | 18.19 | 18.12 | 18.25 | 18.25 | 16.41 | 21.81 | 21.43 |
| 24 | 27.94 | 24.61 | 25.99 | 18.41 | 19.04 | 17.97 | 18.38 | 18.22 | 18.27 | 16.33 | 21.96 | 20.65 |
| 25 | 27.80 | 25.10 | 25.95 | 18.37 | 19.10 | 18.05 | 18.52 | 18.30 | 18.28 | 16.28 | 22.06 | 19.65 |
| 26 | 27.50 | 25.91 | 25.73 | 18.38 | 18.71 | 18.24 | 18.43 | 18.25 | 18.27 | 16.39 | 22.05 | 18.78 |
| 27 | 27.13 | 26.57 | 25.14 | 18.31 | 18.13 | 18.34 | 18.07 | 18.30 | 18.27 | 16.57 | 22.07 | 18.67 |
| 28 | 26.68 | 26.97 | 24.21 | 18.25 | 19.44 | 18.37 | 17.90 | 18.33 | 18.28 | 16.71 | 22.37 | 19.19 |
| 29 | 26.18 | ----- | 23.18 | 18.22 | 19.01 | 18.34 | 17.88 | 18.34 | 18.27 | 16.69 | 22.62 | 19.33 |
| 30 | 25.64 | ----- | 22.12 | 18.20 | 18.61 | 18.32 | 17.81 | 18.41 | 18.14 | 16.56 | 22.62 | 18.98 |
| 31 | 25.01 | ----- | 20.88 | ----- | 18.33 | ----- | 17.75 | 18.37 | ----- | 16.59 | ----- | 18.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 23.08 | 21.55 | 23.89 | 18.70 | 18.91 | 18.25 | 18.57 | 18.34 | 18.26 | 16.48 | 18.72 | 19.70 |
| MAX | 28.01 | 26.97 | 27.02 | 19.88 | 20.20 | 18.94 | 20.77 | 19.35 | 18.40 | 17.40 | 22.62 | 22.47 |
| MIN | 17.84 | 18.04 | 19.65 | 18.20 | 18.13 | 17.37 | 17.75 | 17.73 | 18.07 | 16.00 | 16.15 | 17.30 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 19.53

HIGHEST STAGE WAS 28.04 AT 3 00 A.M. ON JAN 23

LOWEST STAGE WAS 15.93 ON OCT 3

DAILY STAGE FOR 1987

BAYOU MAUKSHA NEAR LEBEAU, LA.

LOCATION. LAT 30-42-05, LONG 92-00-49. STATE HIGHWAY 10 BRIDGE, 3.1 MILES SOUTHWEST OF LEBEAU.
(STA. 5824012A.)

GAGE AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. DRAINAGE AREA, 95 SQUARE MILES.

RECORDS AVAILABLE. STAGE, MAY 1969 TO DATE. DISCHARGE, 1969 TO DATE. DISCHARGE IS PUBLISHED ALSO
BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 31.64 FEET (CAUSED BY HURRICANE) ON NOV. 02, 1985. LOWEST, 15.97 FEET ON SEP.
28, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|-------|---------|-------|-------|---------|---------|---------|---------|---------|-------|-------|
| 1 | | | 28.69 | 19.39 | 17.82 | 18.68 | 17.47 | | 18.34 | | | 19.13 |
| 2 | | | 28.61 | 18.72 | 17.93 | 17.97 | 17.82 | | 17.64 | | | 18.74 |
| 3 | | | 28.48 | | 17.94 | 17.58 | 17.58 F | 17.12 F | 17.46 | | | 18.34 |
| 4 | | | 28.28 | | 17.94 | 17.40 | 17.56 | | | | | 18.05 |
| 5 | F 24 11 | | 28.03 | | 18.05 | 17.95 | 17.65 | | | | | 17.78 |
| 6 | 23 85 | | 27.69 F | 18.13 | 19.97 | 18.38 | 17.53 F | 17.51 | | | | 17.45 |
| 7 | 22 40 | | 27.15 | | 20.22 | 18.43 | 17.79 | 17.62 | | | | 17.44 |
| 8 | 20 42 | | 25.95 | | 19.33 | 17.72 | 19.52 | 17.52 | | | | 21.75 |
| 9 | 19 40 F | 18.60 | 24.45 | | 18.74 | 17.42 | 20.41 | | | F 16.70 | | 22.20 |
| 10 | 19 19 | 18.40 | 23.37 | | 20.74 | 17.40 | 20.54 | 17.54 F | 17.44 | | | 20.60 |
| 11 | 19.47 | 18.15 | 21.53 | | 21.58 | 17.76 | 19.35 | 19.92 | 18.67 | | | 16.77 |
| 12 | 19 08 | 17.73 | 20.30 | | 19.92 | 17.80 | 18.44 | 20.93 | 19.13 | | | 18.03 |
| 13 | 18 73 | 17.75 | 19.50 F | 17.60 | 19.21 | 17.46 | 17.79 | 20.80 | 18.30 F | 16.81 | | 17.70 |
| 14 | 18 67 | 17.73 | 19.35 | 17.57 | 21.14 | 21.21 | 17.52 | 19.70 | 17.60 | | | 17.41 |
| 15 | 18 45 | 17.78 | 18.92 | 17.55 | 20.68 | 22.42 | 20.61 | 19.22 | 17.57 | | | |
| 16 | 19 05 | 25.75 | 18.74 | 17.54 | 19.69 | 20.96 | 19.75 | 18.68 | | F 17.45 | | |
| 17 | 23 43 | 25.91 | 18.60 | 17.53 | 19.20 | 19.64 | 18.65 | 18.36 | | | 21.15 | |
| 18 | 28 23 | 25.15 | 26.59 | 17.52 | 19.74 | 20.80 | 17.85 | | | | 22.34 | |
| 19 | 28 92 | 22.10 | 26.91 | 17.51 | 18.97 | 20.57 | 17.96 | | | | 20.56 | |
| 20 | 28 98 | 19.47 | 26.51 | 17.50 | 18.53 | 19.11 | 17.56 | | | | 18.70 | 17.53 |
| 21 | 28 92 | 24.30 | 26.1 | 17.49 | 20.85 | 18.37 | | | | | 18.05 | 22.61 |
| 22 | 29 11 | 26.36 | 27.79 | 17.48 | 19.30 | 18.35 F | 17.50 | | | | 17.89 | 23.98 |
| 23 | 29 11 | 26.75 | 25.45 | 17.47 | 18.68 | 18.29 | 17.96 | | | | 17.91 | 23.68 |
| 24 | 29 05 | 26.68 | 27.00 | 17.47 | 19.82 | 17.94 | 18.64 | | | | 18.04 | 22.14 |
| 25 | 29 01 | 26.7 | 27.10 | 17.46 | 23.48 | 17.99 | 18.67 | | | | 18.15 | 20.39 |
| 26 | 28 96 | 27.89 | 26.77 | 17.38 | 22.46 | 17.58 | 18.02 | | | | 18.02 | 19.41 |
| 27 | 28 87 | 28.31 | 25.90 | 17.11 | 20.61 | 17.58 | 17.53 | | | F 17.10 | 18.09 | 19.79 |
| 28 | 28 72 | 28.63 | 22.89 | 16.85 | 22.10 | 17.52 | | | F 17.19 | | 19.37 | 20.83 |
| 29 | 28 61 | ----- | 20.62 | 17.77 | 23.08 | 17.51 | | | | | 21.36 | 20.40 |
| 30 | 28 55 | ----- | 21.25 | 17.72 | 21.69 | 17.51 | | | | | 20.32 | 19.40 |
| 31 | ----- | ----- | 20.35 | ----- | 20.17 | ----- | F 18.90 | ----- | ----- | ----- | ----- | 18.66 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 24.66 | 23.03 | 24.41 | 17.66 | 19.99 | 18.50 | 18.37 | 18.76 | 17.93 | 16.96 | 19.01 | 19.70 |
| MAX | 29.11 | 28.63 | 28.69 | 19.39 | 23.48 | 22.42 | 20.61 | 20.93 | 19.13 | 17.10 | 22.34 | 23.98 |
| MIN | 18.45 | 17.73 | 18.60 | 16.85 | 17.82 | 17.40 | 17.47 | 17.12 | 17.19 | 16.81 | 16.70 | 17.41 |
| DAYS | 26 | 20 | 31 | 21 | 31 | 30 | 26 | 13 | 10 | 2 | 16 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 252

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 20.46.

HIGHEST STAGE WAS 29.11 ON JAN 22 AND LATER DATE(S).

LOWEST STAGE WAS 16.70 ON NOV 9.

DAILY STAGE FOR 1987

BAYOU COURTABLEAU AT COURTABLEAU, LA.

LOCATION. LAT. 30-32-44. LONG. 91-52-28. ON BRIDGE IN MOUTH OF BIG DARBONNE BAYOU, 500 FEET
NORTH OF U. S. HIGHWAY 190 (STA. 5835012E.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1946. DAILY, SEP. 1, 1946, TO DATE.

EXTREMES. HIGHEST, 24.8 FEET ON MAY 25, 1953. LOWEST, 10.55 FEET ON SEP. 15, 1954.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|---------|---------|-------|-------|-------|-------|-------|-------|---------|-------|
| 1 | 18.11 | 18.26 | 19.14 | | 17.68 | 17.38 | 17.82 | 17.20 | 17.80 | 16.97 | 16.06 | 16.90 |
| 2 | 17.90 | 18.18 | 18.91 | | 17.68 | 17.36 | 17.91 | 17.35 | 17.74 | 16.10 | 16.05 | 16.83 |
| 3 | 17.64 | 18.01 | 18.71 | | 17.70 | 17.48 | 17.90 | 17.54 | 17.63 | 15.52 | 15.88 | 16.76 |
| 4 | 17.98 | 17.74 | 18.56 | | 17.70 | 17.56 | 17.94 | 17.67 | 17.72 | 15.58 | 15.88 | 16.68 |
| 5 | 18.09 | 17.46 | 18.46 | | 17.86 | 17.66 | 17.94 | 17.74 | 17.80 | 15.68 | 15.85 | 16.52 |
| 6 | 17.96 | 17.16 | 18.36 | 17.83 | | 17.88 | 17.88 | 17.64 | 17.80 | 16.00 | 15.75 | 16.38 |
| 7 | 17.71 | 16.98 | 18.46 | 17.66 | | 17.86 | 17.78 | 17.70 | 17.64 | 16.09 | 15.72 | 16.28 |
| 8 | 17.36 | 16.76 | 18.44 | 17.93 | | 17.78 | 17.80 | 17.68 | 17.71 | 16.11 | 15.72 | 16.35 |
| 9 | 17.14 | 16.56 | 18.46 | 17.98 | | 17.68 | 18.32 | 17.65 | 17.77 | 16.11 | 15.82 | 16.40 |
| 10 | 16.91 | 17.66 | 18.41 | 17.93 | | 17.66 | 18.22 | 17.88 | 17.80 | 16.09 | 15.91 | 16.30 |
| 11 | 16.76 | 17.31 | 18.14 | 17.88 F | 18.18 | 17.98 | 17.88 | 17.36 | 17.87 | 16.07 | 15.87 | 16.12 |
| 12 | 16.55 | 16.64 | 17.96 | 17.87 | 18.18 | 17.53 | 17.41 | 18.15 | 17.90 | | 15.89 | 15.98 |
| 13 | 17.65 | 17.16 | 17.76 | 17.84 | 18.28 | 17.78 | 16.64 | 18.28 | 17.90 | 16.00 | 15.98 | 15.78 |
| 14 | 16.68 | 17.56 | 18.36 | | 18.06 | 18.20 | 17.71 | 17.77 | 17.91 | 15.95 | 16.00 | 15.58 |
| 15 | 16.31 | 17.82 | 18.34 F | 17.78 | 18.13 | 18.16 | 17.99 | 18.97 | 17.90 | 15.88 | 15.95 | 15.65 |
| 16 | 16.81 | | 18.26 | 17.68 | 18.16 | 16.42 | 17.93 | 17.63 | 17.88 | 15.76 | 15.75 F | 16.62 |
| 17 | 18.20 | 17.50 | 17.91 | 17.50 | 18.00 | 17.30 | 17.82 | 17.30 | 17.85 | 16.00 | 14.92 | 15.97 |
| 18 | 19.26 | 17.36 | 18.80 | 17.58 | 17.92 | 18.16 | 17.78 | 17.60 | 17.89 | 15.93 | 16.40 | 15.87 |
| 19 | 20.66 | 16.86 | 18.96 | 17.66 | 17.83 | 18.03 | 17.69 | 17.68 | 17.80 | 15.78 | 16.31 | 16.30 |
| 20 | 19.66 | 16.26 | 18.86 | 17.66 | 18.08 | 17.83 | 17.60 | 17.76 | 17.68 | 16.00 | 16.44 | 17.08 |
| 21 | 19.36 | 17.34 | 18.64 | 17.83 | 18.06 | 17.66 | 17.43 | 17.68 | 17.56 | 16.29 | 16.52 | 18.60 |
| 22 | 19.46 | 18.28 | 18.54 | 17.88 | 17.96 | 17.78 | 17.28 | 17.77 | 17.70 | 16.10 | 16.65 | 17.22 |
| 23 | 19.34 | 18.46 | 18.51 | 17.88 | 17.88 | 17.68 | 17.52 | 17.78 | 17.80 | 15.94 | 16.77 | 17.02 |
| 24 | 19.16 | 18.26 | 19.11 | 17.88 | 18.32 | 17.43 | 17.68 | 17.71 | 17.80 | 15.87 | 16.97 | 16.75 |
| 25 | 19.01 | 18.46 | 19.14 | 17.86 | 18.33 | 17.46 | 17.89 | 17.81 | 17.80 | 15.80 | 17.09 | 16.45 |
| 26 | 18.86 | 18.81 | 18.96 | 17.83 | 18.16 | 17.73 | 17.89 | 17.75 | 17.80 | 15.80 | 16.71 | 16.18 |
| 27 | 18.76 | 19.06 | 18.81 | 17.79 | 17.18 | 17.88 | 17.57 | 17.81 | 17.80 | 16.08 | 16.72 | 16.00 |
| 28 | 18.66 | 19.16 | 18.64 | 17.73 | 18.13 | 17.88 | 17.28 | 17.86 | 17.82 | 16.22 | 16.82 | 15.92 |
| 29 | 18.56 | ----- | 18.46 | 17.68 | 18.13 | 17.82 | 17.25 | 17.88 | 17.80 | 16.20 | 17.00 | 16.09 |
| 30 | 18.46 | ----- | 18.36 | 17.68 | 17.88 | 17.75 | 17.23 | 17.93 | 17.79 | 16.05 | 17.02 | 16.00 |
| 31 | 18.36 | ----- | 18.16 | ----- | 17.73 | ----- | 17.16 | 17.90 | ----- | 16.10 | ----- | 15.88 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18.17 | 17.67 | 18.54 | 17.78 | 17.97 | 17.68 | 17.68 | 17.76 | 17.79 | 16.00 | 16.21 | 16.40 |
| MAX | 20.66 | 19.16 | 19.14 | 17.98 | 18.33 | 18.20 | 18.32 | 18.97 | 17.91 | 16.97 | 17.09 | 18.60 |
| MIN | 16.31 | 16.26 | 17.76 | 17.50 | 17.18 | 16.42 | 16.64 | 17.20 | 17.56 | 15.52 | 14.92 | 15.58 |
| DAYS | 31 | 27 | 31 | 24 | 26 | 30 | 31 | 31 | 30 | 30 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 17.46

HIGHEST STAGE WAS 20.66 AT 8:00 A. M. ON JAN 19 AND LATER DATE(S).

LOWEST STAGE WAS 14.67 ON NOV 16.

DAILY STAGE FOR 1987

BAYOU COURTABLEAU ABOVE DRAINAGE STRUCTURE (LA)

LOCATION: LAT. 30-31-58 LONG 91-51-30 ON RIGHT BANK OF INLET CHANNEL, 500 FEET ABOVE DRAINAGE STRUCTURE AND 1.7 MILES SOUTHEAST OF COURTABLEAU, LA. (STA. 5840012E)

GAGE STAFF TYPE

RECORDS AVAILABLE: MAR. 18, 1957, TO DATE

EXTREMES HIGHEST, 20 60 FEET ON FEB. 7, 1974. LOWEST, 10 30 FEET ON OCT. 28, 1974.

DAILY SEVEN A M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 18 20 | 18 30 | 18 90 | 18 05 | 17 85 | 17 60 | 18 00 | 17 40 | 17 85 | 17 10 | 16 10 | 16 80 |
| 2 | 18 00 | 18 20 | 18 75 | 17 90 | 17 80 | 17 50 | 18 05 | 17 50 | 17 80 | 16 25 | 16 10 | 16 80 |
| 3 | 17 80 | 18 05 | 18 60 | 17 70 | 17 90 | 17 50 | 18 05 | 17 70 | 17 65 | 15 90 | 15 90 | 16 70 |
| 4 | 18 00 | 17 80 | 18 50 | 18 10 | 17 90 | 17 70 | 18 05 | 17 80 | 17 75 | 15 70 | 15 90 | 16 60 |
| 5 | 18 15 | 17 55 | 18 40 | 18 10 | 18 00 | 17 80 | 18 10 | 17 90 | 17 75 | 15 65 | 15 90 | 16 45 |
| 6 | 18 00 | 17 25 | 18 35 | 18 00 | 18 10 | 18 00 | 18 05 | 17 90 | 17 75 | 16 00 | 15 75 | 16 35 |
| 7 | 17 80 | 17 10 | 18 45 | 17 75 | 18 20 | 18 00 | 18 00 | 17 90 | 17 75 | 16 10 | 15 70 | 16 20 |
| 8 | 17 55 | 16 90 | 18 50 | 18 10 | 18 10 | 17 90 | 17 95 | 17 85 | 17 75 | 16 15 | 15 80 | 16 30 |
| 9 | 17 30 | 16 70 | 18 50 | 18 10 | 18 05 | 17 85 | 18 50 | 17 80 | 17 80 | 16 20 | 15 80 | 16 30 |
| 10 | 17 10 | 17 80 | 18 40 | 18 10 | 18 20 | 17 80 | 18 40 | 17 90 | 17 80 | 16 20 | 16 00 | 16 30 |
| 11 | 16 90 | 17 50 | 18 30 | 18 10 | 18 30 | 17 75 | 18 20 | 17 50 | 17 90 | 16 10 | 15 85 | 16 10 |
| 12 | 16 70 | 16 75 | 18 10 | 18 00 | 18 30 | 17 80 | 17 70 | 18 30 | 17 95 | 16 10 | 15 90 | 15 95 |
| 13 | 17 80 | 16 90 | 17 95 | 18 00 | 18 40 | 17 95 | 17 00 | 18 40 | 17 95 | 16 00 | 15 95 | 15 75 |
| 14 | 16 90 | 17 45 | 18 60 | 18 00 | 18 15 | 18 30 | 18 00 | 17 90 | 17 95 | 15 95 | 15 95 | 15 60 |
| 15 | 16 50 | 17 80 | 18 55 | 17 90 | 18 20 | 18 55 | 18 20 | 18 15 | 17 90 | 15 90 | | 15 70 |
| 16 | 16 85 | 17 80 | 18 50 | 17 85 | 18 20 | 16 40 | 18 10 | 17 80 | 17 90 | 15 80 | | 16 60 |
| 17 | 18 35 | 17 80 | 18 00 | 17 65 | 18 10 | 17 30 | 18 00 | 17 40 | 17 85 | 16 00 | | 16 00 |
| 18 | 18 90 | 17 40 | 18 60 | 17 70 | 18 05 | 18 25 | 18 00 | 17 75 | 17 85 | 15 90 | | 15 85 |
| 19 | 19 25 | 16 95 | 18 80 | 17 80 | 17 90 | 18 15 | | 17 80 | 17 75 | 15 80 | | 16 00 |
| 20 | 19 20 | 16 10 | 18 70 | 17 80 | 18 20 | 17 95 | | 17 90 | 17 70 | 16 00 | | 17 00 |
| 21 | 19 10 | 17 30 | 18 55 | 17 95 | 18 20 | 17 85 | | 17 70 | 17 60 | 16 30 | | 18 40 |
| 22 | 19 15 | 18 15 | 18 50 | 18 00 | 18 10 | 17 85 | | 17 75 | 17 60 | 16 15 | 16 60 | 17 00 |
| 23 | 19 10 | 18 30 | 18 50 | 18 00 | 18 20 | 17 80 | | 17 75 | 17 80 | 16 00 | 16 70 | 16 90 |
| 24 | 18 95 | 18 10 | 19 00 | 18 00 | 18 50 | 17 60 | | 17 75 | 17 80 | 15 90 | 16 85 | 16 60 |
| 25 | 18 85 | 18 30 | 19 00 | 18 00 | 18 50 | 17 55 | | 17 75 | 17 80 | 15 85 | 17 00 | 16 30 |
| 26 | 18 80 | 18 50 | 18 90 | 18 00 | 18 35 | 17 80 | 18 10 | 17 80 | 17 80 | 15 80 | 16 60 | 16 20 |
| 27 | 18 70 | 18 80 | 18 75 | 17 95 | 17 35 | 18 00 | 17 80 | 17 85 | 17 80 | 16 10 | 16 60 | 16 10 |
| 28 | 18 60 | 18 90 | 18 60 | 17 90 | 18 20 | 18 00 | 17 55 | 17 90 | 17 80 | 16 20 | 16 70 | 15 95 |
| 29 | 18 50 | ----- | 18 50 | 17 85 | 18 30 | 18 00 | 17 50 | 17 90 | 17 80 | 16 20 | 16 85 | 16 10 |
| 30 | 18 45 | ----- | 18 40 | 17 85 | 18 10 | 17 00 | 17 50 | 17 90 | 17 80 | 16 10 | 16 90 | 16 00 |
| 31 | 18 35 | ----- | 18 20 | ----- | 17 90 | ----- | 17 40 | 17 90 | ----- | 16 20 | ----- | 15 90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18 12 | 17 66 | 18 53 | 17 94 | 18 12 | 17 78 | 17 92 | 17 82 | 17 80 | 16 05 | 16 23 | 16 35 |
| MAX | 19 25 | 18 90 | 19 00 | 18 10 | 18 50 | 18 55 | 18 50 | 18 40 | 17 95 | 17 10 | 17 00 | 18 40 |
| MIN | 16 50 | 16 10 | 17 95 | 17 65 | 17 35 | 16 40 | 17 00 | 17 40 | 17 60 | 15 65 | 15 70 | 15 60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 24 | 31 | 30 | 31 | 23 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 351
 THE MEAN STAGE FOR THE YEAR WAS 17 35
 HIGHEST STAGE WAS 19 25 AT 8 00 A M ON JAN 19
 LOWEST STAGE WAS 15 60 ON DEC 14

DAILY GATE-OPENINGS FOR 1987

BAYOU COURTABLEAU DRAINAGE STRUCTURE

PHYSICAL DATA. DRAINAGE STRUCTURE CONSISTS OF FIVE GATES, EACH TEN FEET WIDE. ALL GATES ARE OPEN THE SAME AMOUNT UNLESS OTHERWISE NOTED

DAILY SEVEN A M GATE OPENINGS IN FEET

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|------|
| 1 | 15 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 2 | 15 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3 | 15 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 4 | 15 | 15 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 5 | 15 | 15 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6 | 15 | 15 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 7 | 15 | 15 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 8 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 9 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 10 | 15 | 0 | 15 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 15 |
| 11 | 15 | 3 | 15 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 15 |
| 12 | 15 | 5 | 15 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 15 |
| 13 | 0 | 2 | 15 | 0 | 0 | 0 | 4 | 5 | 0 | 0 | 0 | 15 |
| 14 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 15 |
| 15 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | | B 15 |
| 16 | 3 | 15 | 0 | 0 | 3 | 10 | 0 | 3 | 0 | 0 | | 0 |
| 17 | 3 | 15 | 5 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | | C 15 |
| 18 | 15 | 15 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | | D 10 |
| 19 | 15 | 15 | 15 | 0 | 3 | 0 | | 0 | 0 | 0 | | 0 |
| 20 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 |
| 21 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 |
| 22 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | A 15 | 15 |
| 23 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | A 15 | 15 |
| 24 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | A 15 | 15 |
| 25 | 15 | 15 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | A 15 | 15 |
| 26 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 27 | 15 | 15 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 28 | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 29 | 15 | ----- | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 30 | 15 | ----- | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 31 | 15 | ----- | 15 | ----- | 0 | ----- | 0 | 0 | ----- | 0 | ----- | 15 |

A - 3 GATES OPEN 15 FEET, 2 GATES CLOSED.

B - 2 GATES OPEN 15 FEET, 3 GATES CLOSED.

C - 1 GATE OPEN 15 FEET, 4 GATES CLOSED.

D - 1 GATE OPEN 10 FEET, 4 GATES CLOSED.

DAILY STAGE FOR 1987

BAYOU COURTABLEAU AT DRAINAGE STRUCTURE (LA.)

LOCATION. LAT. 30-31-57. LONG. 91-51-26. PILING STRUCTURE ON RIGHT BANK OF INLET CHANNEL. 100 FEET ABOVE SOUTHWEST WING WALL AND 1.7 MILES SOUTHEAST OF COURTABLEAU, LA (STA 5843012E)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY. 1956 TO 1957. DAILY, MAR 28, 1957, TO DATE.

EXTREMES. HIGHEST, 20.50 FEET ON APR 19, 1973 AND FEB 2 AND 3, 1974. LOWEST, 10.56 FEET ON AUG 21, 1962.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|---------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| 1 | 18.01 | 18.11 | | | | 17.42 | 17.87 | 17.29 | 17.77 | 16.98 | 16.08 | 16.79 |
| 2 | 17.82 | 18.04 | | | | 17.37 | 17.94 | 17.41 | 17.69 | 16.12 | 16.04 | 16.72 |
| 3 | 17.59 | 17.89 | | | | 17.47 | 17.94 | 17.59 | 17.60 | 15.51 | 15.80 | 16.65 |
| 4 | 17.87 | 17.63 | | | | 17.52 | 17.98 | 17.67 | 17.70 | 15.53 | 15.80 | 16.59 |
| 5 | 17.98 | 17.37 | | | | 17.67 | 17.99 | 17.72 | 17.78 | 15.68 | 15.78 | 16.47 |
| 6 | 17.78 | 17.09 | 18.22 | 17.83 | | 17.88 | 17.87 | 17.76 | 17.79 | 16.00 | 15.79 | 16.32 |
| 7 | 17.59 | 16.97 | 18.34 | | | 17.89 | 17.79 | 17.71 | 17.61 | 16.09 | 15.67 | 16.21 |
| 8 | 17.34 | 16.71 | 18.34 | | | 17.79 | 17.79 | 17.68 | 17.68 | 16.13 | 15.68 | 16.22 |
| 9 | 17.13 | 16.54 | 18.38 | | | 17.71 | 18.27 | 17.65 | 17.71 | 16.13 | 15.72 | 16.25 |
| 10 | 16.92 | 17.65 | 18.32 | | | 17.69 | 18.16 | 17.88 | 17.74 | 16.11 | 15.90 | 16.19 |
| 11 | 16.79 | 17.38 | 18.19 | | 18.19 | 17.67 | 17.82 | 17.38 | 17.80 | 16.10 | 15.84 | 16.02 |
| 12 | 16.59 | 16.61 | | | 18.20 | 17.59 | 17.37 | 18.19 | 17.86 | 16.04 | 15.85 | 15.88 |
| 13 | 17.70 | 16.77 | | | 18.28 | 17.81 | 16.58 | 18.26 | 17.87 | 15.99 | 15.95 | 15.69 |
| 14 | 16.82 | 17.33 F | 18.50 | | 18.07 | 18.21 | 17.69 | 17.71 | 17.88 | 15.90 | 16.00 | 15.50 |
| 15 | 16.43 | 17.68 | 18.49 | | 18.12 | 18.04 | 17.99 | 18.01 | 17.83 | | 15.95 | 15.59 |
| 16 | 16.84 | 17.66 | 18.43 | | 18.15 | 16.40 | 17.96 | 17.67 | 17.80 | | 15.72 | 16.55 |
| 17 | 18.20 | 17.66 | 17.99 | 17.53 | 18.01 | 17.28 | 17.86 | 17.31 | 17.79 | 15.98 | 14.90 | 15.89 |
| 18 | 18.77 | 17.22 | 18.39 | 17.60 | 17.93 | 18.12 | 17.79 | 17.51 | 17.80 F | 15.93 | 16.30 | 15.79 |
| 19 | 19.02 | 16.79 | 18.64 | 17.66 | 17.78 | 18.00 | 17.75 | 17.63 | 17.74 | 15.74 | 16.22 | 16.25 |
| 20 | 19.05 | 16.28 | 18.64 | 17.67 | 18.09 | 17.81 | 17.67 | 17.76 | 17.60 | 15.99 | 16.35 | 16.99 |
| 21 | 18.90 | 17.14 | 18.52 | 17.87 | 18.09 | 17.64 | 17.51 | 17.71 | 17.52 | 16.29 | 16.42 | 18.40 |
| 22 | 18.98 | 17.94 | 18.44 | 17.93 | 17.99 | 17.71 | 17.37 | 17.78 | 17.67 | 16.12 | 16.55 | 16.98 |
| 23 | 18.89 | 18.11 | 18.39 | 17.93 | 17.94 | 17.64 | 17.58 | 17.73 | 17.72 | 15.92 | 16.65 | 16.80 |
| 24 | 18.78 | | 18.79 | 17.91 | 18.34 | 17.41 | 17.72 | 17.70 | 17.73 | 15.85 | 16.80 | 16.57 |
| 25 | 18.68 | | 18.87 | 17.88 | 18.39 | 17.41 | 17.93 | 17.79 | 17.75 | 15.80 | 16.90 | 16.30 |
| 26 | 18.59 | | 18.72 | 17.87 | 18.19 | 17.70 | 17.94 | 17.71 | 17.75 | 15.76 | 16.55 | 16.05 |
| 27 | 18.49 | | 18.59 | 17.84 | 17.19 | 17.82 | 17.63 | 17.78 | 17.75 | 16.05 | 16.56 | 15.90 |
| 28 | 18.41 | | 18.49 | 17.79 | 18.12 | 17.88 | 17.42 | 17.81 | 17.78 | 16.21 | 16.67 | 15.98 |
| 29 | 18.34 | ----- | 18.32 F | 17.74 | 18.17 | 17.87 | 17.42 | 17.83 | 17.78 | 16.21 | 16.82 | 16.04 |
| 30 | 18.29 | ----- | | | 17.92 | 17.79 | 17.39 | 17.91 | 17.77 | 16.08 | 16.83 | 15.96 |
| 31 | 18.19 | ----- | | ----- | 17.75 | ----- | 17.30 | 17.85 | ----- | 16.13 | ----- | 15.85 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 17.96 | 17.33 | 18.45 | 17.79 | 18.04 | 17.67 | 17.72 | 17.72 | 17.74 | 16.01 | 16.14 | 16.30 |
| MAX | 19.05 | 18.11 | 18.87 | 17.93 | 18.39 | 18.21 | 18.27 | 18.26 | 17.88 | 16.98 | 16.90 | 18.40 |
| MIN | 16.43 | 16.28 | 17.99 | 17.53 | 17.19 | 16.40 | 16.58 | 17.29 | 17.52 | 15.51 | 14.90 | 15.50 |
| DAYS | 31 | 23 | 22 | 14 | 21 | 30 | 31 | 31 | 30 | 29 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 323

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 17.35

HIGHEST STAGE WAS 19.05 AT 1.00 P.M. ON JAN 19 AND LATER DATE(S).

LOWEST STAGE WAS 14.63 ON NOV 17.

DAILY STAGE FOR 1987

WABPL BORROW PIT NEAR COURTABLEAU, LA

LOCATION. LAT. 30-31-01. LONG. 91-51-35. ABOUT 500 FEET BELOW JUNCTION WITH BAYOU COURTABLEAU
DIVERSION CHANNEL AND 2.2 MILES SOUTHEAST OF COURTABLEAU. (STA. 5835012E.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE INTERMITTENTLY, 1940 TO 1950, 1953, AND 1955 TO 1956. DAILY, JUNE 24, 1954,
TO FEB. 5, 1955, AND AUG. 28, 1956, TO DATE. PRIOR TO JUNE 24, 1954, GAGE WAS KNOWN AS, WEST
CONNECTING DITCH, STATION 70+00.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 23.6 FEET ON MAY 25, 1953. LOWEST, CHANNEL DRY ON
JUNE 24, 1954, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|-------|--------|-------|------|-------|------|------|--------|------|-------|------|
| 1 | 2.27 | 2.58 | 7.60 | 1.70 | 0.92 | 1.93 | 1.91 | 1.06 | 1.28 | 0.72 | 0.93 | 1.12 |
| 2 | 1.83 | 2.52 | 6.28 | | 1.09 | 1.77 | 2.14 | 1.04 | 1.11 | 0.78 | 0.92 | 1.02 |
| 3 | 1.70 | 1.94 | 5.08 | 1.02 | 1.57 | 1.65 | 1.84 | 0.93 | 1.03 | 0.80 | 1.00 | 1.20 |
| 4 | 2.60 | 1.52 | 4.20 | 1.10 | 1.53 | 1.43 | 1.84 | 0.93 | 1.02 | 0.49 | 1.09 | 1.28 |
| 5 | 2.22 | 1.50 | 3.62 | 1.12 | 1.65 | 1.23 | 1.77 | 0.92 | 1.11 | 0.68 | 1.23 | 1.18 |
| 6 | 1.80 | 1.42 | 3.18 | 1.12 | 1.73 | 1.15 | 1.67 | 1.08 | 1.32 | 1.00 | 1.02 | 1.22 |
| 7 | 1.60 E | 1.20 | 3.22 | 1.02 | 1.55 | 1.17 | 1.95 | 1.20 | 1.41 | 0.85 | 0.92 | 1.72 |
| 8 | 1.42 E | 0.75 | 3.30 | 1.20 | 1.20 | 1.39 | 2.04 | 1.21 | 1.35 | 0.81 | 1.22 | 1.75 |
| 9 | 1.43 E | 0.67 | 3.30 | 1.20 | 1.07 | 1.75 | 3.22 | 1.29 | 1.28 | 0.90 | 1.60 | 1.74 |
| 10 | 1.37 | | 2.80 F | 0.74 | 1.79 | 1.95 | 2.79 | 1.86 | 1.34 | 1.08 | 1.60 | 1.60 |
| 11 | 1.00 | | 2.10 | 1.16 | 1.93 | 2.10 | 2.16 | 2.46 | 1.42 | 1.00 | 0.94 | 1.50 |
| 12 | 0.80 | | 1.58 | 1.37 | 2.05 | 2.17 | 1.96 | 2.84 | 1.46 | 0.65 | 0.48 | 1.40 |
| 13 | 0.88 | | 1.22 | 1.93 | 2.25 | 2.50 | 1.85 | 2.90 | 1.50 F | 0.30 | 0.57 | 1.33 |
| 14 | 0.90 | | 2.58 | 2.03 | 2.03 | 4.63 | 1.71 | 1.80 | 1.39 | | 0.63 | 1.70 |
| 15 | 1.16 | | 3.00 | 1.83 | 2.07 | 5.02 | 1.64 | 1.69 | 1.29 | | 1.03 | 1.62 |
| 16 | 1.38 | | 2.98 | 1.45 | 1.80 | 3.25 | 1.39 | 1.31 | 1.34 | | 2.23 | 1.20 |
| 17 | 3.00 | 2.01 | 2.38 | 1.07 | 1.49 | 2.97 | 1.26 | 1.19 | 1.62 | | 2.58 | 0.78 |
| 18 | 6.65 | 1.34 | 5.75 | 1.17 | 1.69 | 3.45 | 1.28 | 1.04 | 1.68 | | 1.97 | 0.75 |
| 19 | 9.60 | 1.05 | 5.80 | 1.20 | 1.50 | 3.32 | 1.22 | 0.98 | 1.86 F | 0.82 | 1.72 | 0.99 |
| 20 | 9.60 | 1.02 | 5.03 | 1.15 | 1.77 | 2.93 | 1.23 | 0.89 | 1.60 F | 1.06 | 1.30 | 1.32 |
| 21 | 8.40 | 1.30 | 4.26 | 1.20 | 1.73 | 2.63 | 1.35 | 0.81 | 1.23 | 0.84 | 1.02 | 2.60 |
| 22 | 9.54 | 3.70 | 3.70 | 1.05 | 1.19 | 2.53 | 1.52 | 0.82 | 1.30 | 0.50 | 1.08 | 2.48 |
| 23 | 8.72 | 3.70 | 3.57 | 0.85 | 1.05 | 2.15 | 1.64 | 0.73 | 1.08 | 0.82 | 1.45 | 1.87 |
| 24 | 7.60 | 2.48 | 7.20 | 0.83 | 2.25 | 1.93 | 1.75 | 0.90 | 1.08 | 1.12 | 1.55 | 2.03 |
| 25 | 7.06 | 3.82 | 7.04 | 0.47 | 2.68 | 1.90 | 1.84 | 1.08 | 1.28 | 1.32 | 1.68 | 2.15 |
| 26 | 6.20 | 5.30 | 5.88 | 0.47 | 2.50 | 1.63 | 2.00 | 1.33 | 1.35 | 1.35 | 1.67 | 2.09 |
| 27 | 5.25 | 6.80 | 4.92 | 0.57 | 1.55 | 1.30 | 1.71 | 1.46 | 1.50 | 1.28 | 1.53 | 1.99 |
| 28 | 4.62 | 7.42 | 4.22 | 0.67 | 2.60 | 1.23 | 1.47 | 1.28 | 1.53 | 0.90 | 1.30 | 1.42 |
| 29 | 4.08 | ----- | 3.54 | 0.59 | 2.65 | 1.46 | 1.32 | 1.30 | 1.54 | 0.80 | 0.93 | 0.82 |
| 30 | 3.60 | ----- | 2.98 | 0.81 | 2.39 | 1.75 | 1.18 | 1.54 | 1.18 | 0.98 | 1.09 | 0.57 |
| 31 | 3.00 | ----- | 2.32 | ----- | 2.15 | ----- | 1.23 | 1.45 | ----- | 0.92 | ----- | 0.82 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.91 | 2.57 | 4.02 | 1.11 | 1.79 | 2.21 | 1.74 | 1.33 | 1.35 | 0.88 | 1.28 | 1.46 |
| MAX | 9.60 | 7.42 | 7.60 | 2.03 | 2.68 | 5.02 | 3.22 | 2.90 | 1.86 | 1.35 | 2.58 | 2.60 |
| MIN | 0.80 | 0.67 | 1.22 | 0.47 | 0.92 | 1.15 | 1.18 | 0.73 | 1.02 | 0.30 | 0.48 | 0.57 |
| DAYS | 31 | 21 | 31 | 29 | 31 | 30 | 31 | 31 | 30 | 26 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

E=ESTIMATED F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.98

HIGHEST STAGE WAS 9.70 AT 8:00 P.M. ON JAN 19.

LOWEST STAGE WAS 0.25 ON APR 25.

DAILY STAGE FOR 1987

WABPL BORROW PIT (LS) AT NEW HENDERSON LANDING, LA

LOCATION: LAT. 30-18-47, LONG. 91-47-20. ON BRIDGE AT LEVEE STATION 2775+56. (STA. 5860012D.)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 13, 1932, TO DATE. FROM 1932 TO 1939, GAGE WAS KNOWN AS HENDERSON LS.

EXTREMES. HIGHEST, 18.4 FEET ON MAR. 11, 1932. LOWEST, MINUS 0.95 FOOT ON JAN. 13, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.05 | 2.12 | 5.75 | 1.57 | 0.95 | 1.90 | 1.84 | 1.07 | 1.32 | 0.69 | 0.98 | 1.10 |
| 2 | 1.75 | 2.18 | 4.85 | 1.58 | 1.10 | 1.75 | 2.02 | 1.03 | 1.16 | 0.76 | 0.98 | 0.99 |
| 3 | 1.78 | 1.76 | 4.05 | 1.13 | 1.58 | 1.65 | 1.74 | 0.92 | 1.08 | 0.85 | 1.08 | 1.13 |
| 4 | 2.50 | 1.42 | 3.40 | 1.03 | 1.62 | 1.46 | 1.72 | 0.93 | 1.07 | 0.52 | 1.15 | 1.24 |
| 5 | 1.94 | 1.45 | 2.95 | 1.07 | 1.65 | 1.25 | 1.66 | 1.00 | 1.14 | 0.66 | 1.27 | 1.13 |
| 6 | 1.65 | 1.34 | 2.62 | 1.10 | 1.63 | 1.09 | 1.65 | 1.09 | 1.37 | 0.98 | 1.09 | 1.20 |
| 7 | 1.50 | 1.22 | 2.48 | 1.05 | 1.37 | 1.16 | 1.91 | 1.22 | 1.44 | 0.85 | 0.94 | 1.69 |
| 8 | 1.26 | 0.90 | 2.45 | 1.10 | 1.15 | 1.45 | 1.99 | 1.29 | 1.37 | 0.80 | 1.25 | 1.79 |
| 9 | 1.50 | 0.70 | 2.45 | 1.07 | 1.04 | 1.78 | 2.55 | 1.39 | 1.27 | 0.87 | 1.55 | 1.76 |
| 10 | 1.48 | 0.81 | 2.19 | 1.01 | 1.45 | 1.95 | 2.36 | 1.92 | 1.30 | 1.07 | 1.70 | 1.62 |
| 11 | 1.02 | 0.94 | 1.67 | 1.12 | 1.50 | 2.04 | 2.09 | 2.50 | 1.36 | 0.99 | 1.01 | 1.50 |
| 12 | 0.77 | 1.05 | 1.30 | 1.34 | 1.57 | 2.15 | 1.95 | 2.63 | 1.40 | 0.68 | 0.53 | 1.43 |
| 13 | 0.86 | 1.08 | 1.09 | 1.84 | 1.69 | 2.44 | 1.84 | 2.45 | 1.46 | 0.34 | 0.60 | 1.37 |
| 14 | 1.04 | 1.04 | 1.60 | 2.00 | 1.78 | 4.34 | 1.72 | 1.80 | 1.36 | 0.27 | 0.65 | 1.70 |
| 15 | 1.32 | 1.30 | 2.04 | 1.80 | 1.73 | 4.40 | 1.47 | 1.55 | 1.30 | 0.64 | 1.07 | 1.75 |
| 16 | 1.64 | 2.87 | 2.16 | 1.43 | 1.46 | 3.24 | 1.30 | 1.31 | 1.35 | 0.83 | 2.03 | 1.30 |
| 17 | 2.67 | 1.90 | 2.28 | 1.06 | 1.30 | 2.92 | 1.24 | 1.18 | 1.63 | 0.97 | 2.55 | 0.84 |
| 18 | 4.94 | 1.31 | 4.68 | | 1.57 | 3.21 | 1.32 | 1.07 | 1.64 | 0.86 | 1.98 | 0.83 |
| 19 | 6.56 | 0.99 | 4.35 | | 1.47 | 3.17 | 1.24 | 1.00 | 1.85 | 0.87 | 1.75 | 1.05 |
| 20 | 6.48 | 0.93 | 3.76 F | 1.05 | 1.57 | 2.84 | 1.24 | 0.90 | 1.60 | 1.07 | 1.34 | 1.42 |
| 21 | 5.95 | 1.20 | 3.34 | 1.16 | 1.54 | 2.57 | 1.39 | 0.83 | 1.25 | 0.88 | 1.03 | 1.76 |
| 22 | 6.95 | 3.06 | 2.98 | 1.05 | 1.43 | 2.53 | 1.50 | 0.85 | 1.32 | 0.51 | 1.09 | 2.40 |
| 23 | 6.40 | 2.81 | 2.92 | 0.78 | 1.29 | 2.18 | 1.60 | 0.72 | 1.07 | 0.82 | 1.37 | 1.85 |
| 24 | 5.65 | 2.13 | 5.29 | 0.81 | 1.70 | 1.94 | 1.72 | 0.88 | 1.04 | 1.10 | 1.56 | 1.98 |
| 25 | 5.40 | 2.98 | 5.15 | 0.49 | 2.12 | 1.91 | 1.77 | 1.09 | 1.24 | 1.33 | 1.71 | 2.10 |
| 26 | 4.65 | 3.95 | 4.39 | 0.53 | 2.30 | 1.65 | 1.93 | 1.36 | 1.33 | 1.34 | 1.67 | 2.08 |
| 27 | 3.94 | 5.07 | 3.75 | 0.65 | 1.86 | 1.32 | 1.71 | 1.45 | 1.43 | 1.34 | 1.56 | 1.96 |
| 28 | 3.49 | 5.52 | 3.34 | 0.74 | 2.21 | 1.18 | 1.50 | 1.29 | 1.53 | 0.92 | 1.32 | 1.42 |
| 29 | 3.12 | ----- | 2.97 | 0.67 | 2.36 | 1.43 | 1.40 | 1.34 | 1.51 | 0.78 | 0.93 | 0.84 |
| 30 | 2.82 | ----- | 2.55 | 0.82 | 2.27 | 1.68 | 1.19 | 1.50 | 1.19 | 0.96 | 1.08 | 0.55 |
| 31 | 2.38 | ----- | 2.07 | ----- | 2.10 | ----- | 1.23 | 1.42 | ----- | 0.95 | ----- | 0.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.08 | 1.93 | 3.12 | 1.11 | 1.62 | 2.15 | 1.67 | 1.32 | 1.35 | 0.85 | 1.29 | 1.44 |
| MAX | 6.95 | 5.52 | 5.75 | 2.00 | 2.36 | 4.40 | 2.55 | 2.63 | 1.85 | 1.34 | 2.55 | 2.40 |
| MIN | 0.77 | 0.70 | 1.09 | 0.49 | 0.95 | 1.09 | 1.19 | 0.72 | 1.04 | 0.27 | 0.53 | 0.55 |
| DAYS | 31 | 28 | 31 | 28 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.75

HIGHEST STAGE WAS 6.95 AT 6.00 A.M. ON JAN. 22.

LOWEST STAGE WAS 0.22 ON OCT. 14.

DAILY STAGE FOR 1987

CATAHOULA LAKE AT CATAHOULA, LA.

LOCATION. LAT. 30-12-40. LONG. 91-42-08. HIGHWAY 96 BRIDGE. (STA. 5865012D.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1939. DAILY, 1940 TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 15.8 FEET ON MAR. 11, 1932. LOWEST, MINUS 1.01 FEET ON JAN. 13, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|--------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.85 | 1.84 | 4.77 | 1.43 | 0.88 | 1.89 | 1.75 | 1.05 | 1.33 | 0.59 | 0.94 | 1.00 |
| 2 | 1.60 | 1.93 | 4.14 | 1.42 | | 1.70 | 1.93 | 1.04 | 1.18 | 0.69 | 0.92 | 0.87 |
| 3 | 1.66 | 1.58 | 3.50 | 1.00 | | 1.61 | 1.68 | 0.95 | 1.06 | 0.81 | 1.00 | 1.03 |
| 4 | 2.20 | 1.28 | 3.00 | 0.84 F | 1.51 | 1.41 | 1.67 | 0.96 | 1.05 | 0.43 | 1.07 | 1.14 |
| 5 | 1.67 | 1.34 | 2.62 | 0.88 | 1.56 | 1.18 | 1.66 | 1.05 | 1.15 | 0.63 | 1.21 | 1.03 |
| 6 | 1.52 | 1.18 | 2.32 | 0.95 | 1.48 | 1.04 | 1.66 | 1.10 | 1.35 | 0.93 | 0.94 | 1.12 |
| 7 | 1.38 | 1.08 | 2.15 | 0.90 | 1.23 | 1.14 | 1.85 | 1.21 | 1.40 | 0.79 | 0.87 | 1.65 |
| 8 | 1.15 | 0.75 | 2.20 | 0.94 | 1.03 | 1.42 | 1.99 | 1.28 | 1.34 | 0.71 | 1.18 | 1.73 |
| 9 | 1.35 | 0.56 | 2.10 | 0.90 | 0.95 | 1.75 | 2.30 | 1.40 | 1.23 | 0.81 | 1.50 | 1.69 |
| 10 | 1.35 | 0.65 | 1.92 | 0.92 | 1.25 | 1.91 | 2.16 | 2.06 | 1.25 | 0.98 | 1.64 | 1.55 |
| 11 | 0.88 | 0.88 | 1.46 | 1.03 | 1.33 | 1.98 | 1.98 | 2.47 | 1.35 | 0.93 | 0.92 | 1.43 |
| 12 | 0.64 | 1.00 | 1.17 | 1.25 | 1.36 | 2.11 | 1.86 | 2.51 | 1.35 | 0.58 | 0.42 | 1.35 |
| 13 | 0.74 | 1.02 | 1.00 | 1.72 | 1.48 | 2.39 | 1.76 | 2.28 | 1.47 | 0.24 | 0.50 | 1.27 |
| 14 | 0.93 | 0.98 | 1.34 | 1.94 | 1.60 | 3.97 | 1.63 | 1.76 | 1.35 | 0.20 | 0.57 | 1.65 |
| 15 | 1.18 | 1.25 | 1.75 | 1.73 | 1.53 | 4.06 | 1.33 | 1.50 | 1.27 | 0.57 | 0.97 | 1.69 |
| 16 | 1.49 | 2.58 | 1.93 | 1.36 | 1.26 | 3.15 | 1.18 | 1.32 | 1.33 | 0.77 | 1.93 | 1.20 |
| 17 | 2.26 | 1.80 | 2.25 | 1.00 | 1.15 | 2.86 | 1.19 | 1.21 | 1.60 | 0.90 | 2.35 | 0.74 |
| 18 | 3.76 | 1.27 | 3.90 | 1.10 | 1.49 | 3.14 | 1.31 | 1.05 | 1.60 | 0.79 | 1.84 | 0.74 |
| 19 | 4.85 | 0.94 | 3.62 | 1.13 | 1.42 | 3.07 | 1.24 | 0.95 | 1.80 | 0.81 | 1.60 | 0.95 |
| 20 | 4.89 | 0.88 | 3.22 | 1.11 | 1.50 | 2.79 | 1.23 | 0.84 | 1.54 | 1.00 | 1.17 | 1.30 |
| 21 | 4.65 | 1.10 | 2.92 | 1.12 | 1.47 | 2.54 | 1.35 | 0.78 | 1.22 | 0.74 | 0.90 | 1.45 |
| 22 | 5.38 | 2.53 | 2.66 | 0.96 | 1.38 | 2.47 | 1.45 | 0.80 | 1.20 | 0.44 | 1.04 | 2.13 |
| 23 | 5.12 | 2.35 | 2.68 | 0.78 | 1.23 | 2.14 | 1.53 | 0.67 | 0.98 | 0.76 | 1.29 | 1.76 |
| 24 | 4.60 | 1.95 | 4.14 | 0.73 | 1.49 | 1.89 | 1.63 | 0.83 | 1.00 | 1.02 | 1.44 | 1.84 |
| 25 | 4.44 | 2.52 | 4.08 | 0.40 | 1.80 | 1.86 | 1.65 | 1.03 | 1.20 | 1.24 | 1.61 | 1.97 |
| 26 | 3.89 | 3.25 | 3.63 | 0.38 | 2.05 | 1.57 | 1.80 | 1.28 | 1.28 | 1.25 | 1.58 | 2.00 |
| 27 | 3.34 | 4.12 | 3.21 F | 0.56 | 1.84 | 1.23 | 1.59 | 1.40 | 1.42 | 1.25 | 1.43 | 1.90 |
| 28 | 2.97 | 4.57 | 2.90 | 0.57 | 2.10 | 1.11 | 1.42 | 1.26 | 1.51 | 0.78 | 1.21 | 1.35 |
| 29 | 2.67 | ----- | 2.63 | 0.52 | 2.24 | 1.36 | 1.43 | 1.30 | 1.49 | 0.74 | 0.82 | 0.74 |
| 30 | 2.40 | ----- | 2.20 | 0.72 | 2.20 | 1.64 | 1.16 | 1.43 | 1.06 | 0.90 | 0.97 | 0.47 |
| 31 | 2.05 | ----- | 1.81 | ----- | 2.07 | ----- | 1.20 | 1.44 | ----- | 0.90 | ----- | 0.74 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.54 | 1.68 | 2.68 | 1.01 | 1.51 | 2.08 | 1.60 | 1.30 | 1.31 | 0.78 | 1.19 | 1.34 |
| MAX | 5.38 | 4.57 | 4.77 | 1.94 | 2.24 | 4.06 | 2.30 | 2.51 | 1.80 | 1.25 | 2.35 | 2.13 |
| MIN | 0.64 | 0.56 | 1.00 | 0.38 | 0.88 | 1.04 | 1.16 | 0.67 | 0.98 | 0.20 | 0.42 | 0.47 |
| DAYS | 31 | 28 | 31 | 30 | 29 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.59

HIGHEST STAGE WAS 5.38 AT 8.00 A.M. ON JAN. 22.

LOWEST STAGE WAS 0.11 ON OCT. 14.

DAILY STAGE FOR 1987

WABPL BORROW PIT (LS) AT LOWER GRAND BAYOU (LA.)

LOCATION: LAT. 30-04-26, LONG. 91-37-23. ON WALKWAY AT LEVEE STATION 3942+73 IN LAKE DAUTERIVE.
JUST WEST OF GRAND BAYOU. (STA. 5870012D.)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1936 TO 1943. DAILY, JAN. 2, 1944, TO DATE.

EXTREMES. HIGHEST, 8.6 FEET FROM JUNE 6 TO 8, 1953. LOWEST, MINUS 0.30 FOOT ON NOV. 3, 1966.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|--------|------|-------|------|-------|------|
| 1 | 1.88 | 1.84 | 3.17 | 1.51 | 0.95 | 1.94 | 1.75 | 1.10 | 1.40 | 0.76 | 1.09 | 1.05 |
| 2 | 1.70 | 1.92 | 3.02 | 1.58 | 1.15 | 1.78 | 1.93 | 1.08 | 1.29 | 0.88 | 1.09 | 0.92 |
| 3 | 1.75 | 1.60 | 2.85 | 1.24 | 1.57 | 1.68 | 1.76 | 1.02 | 1.15 | 0.96 | 1.15 | 1.09 |
| 4 | 2.00 | 1.42 | 2.62 | 0.97 | 1.60 | 1.50 | 1.75 | 1.02 | 1.15 | 0.57 | 1.22 | 1.18 |
| 5 | 1.63 | 1.44 | 2.38 | 1.04 | 1.65 | 1.30 | 1.73 | 1.08 | 1.25 | 0.74 | 1.34 | 1.05 |
| 6 | 1.64 | 1.30 | 2.18 | 1.10 | 1.53 | 1.10 | 1.74 | 1.13 | 1.43 | 1.06 | 1.06 | 1.18 |
| 7 | 1.50 | 1.16 | 1.98 | 1.07 | 1.27 | 1.24 | 1.88 | 1.21 | 1.48 | 0.89 | 1.02 | 1.68 |
| 8 | 1.30 | 0.88 | 2.05 | 1.10 | 1.15 | 1.55 | 2.02 | 1.28 | 1.40 | 0.83 | 1.30 | 1.77 |
| 9 | 1.44 | 0.72 | 1.90 | 1.05 | 1.08 | 1.86 | 2.11 | 1.39 | 1.30 | 0.94 | 1.62 | 1.74 |
| 10 | 1.50 | 0.82 | 1.75 | 1.05 | 1.25 | 2.00 | 2.07 | 1.94 | 1.32 | 1.11 | 1.70 | 1.59 |
| 11 | 1.05 | 1.00 | 1.42 | 1.17 | 1.34 | 2.04 | 2.05 | 2.38 | 1.42 | 1.05 | 0.97 | 1.45 |
| 12 | 0.79 | 1.14 | 1.20 | 1.40 | 1.38 | 2.17 | 1.98 | 2.30 | 1.42 | 0.75 | 0.50 | 1.39 |
| 13 | 0.88 | 1.14 | 1.09 | 1.80 | 1.48 | 2.40 | 1.86 | 2.06 | 1.57 | 0.37 | 0.60 | 1.30 |
| 14 | 1.05 | 1.12 | 1.36 | 2.05 | 1.59 | 3.05 | 1.70 | 1.75 | 1.48 | 0.36 | 0.67 | 1.65 |
| 15 | 1.34 | 1.35 | 1.68 | 1.85 | 1.56 | 3.15 | 1.37 | 1.45 | 1.40 | 0.73 | 1.06 | 1.82 |
| 16 | 1.58 | 2.22 | 1.85 | 1.43 | 1.30 | 3.07 | 1.24 | 1.33 | 1.45 | 0.93 | 1.84 | 1.28 |
| 17 | 1.93 | 1.84 | 2.20 | 1.10 | 1.23 | 2.89 | 1.25 | 1.24 | 1.68 | 1.07 | 2.37 | 0.83 |
| 18 | 2.56 | 1.39 | 2.75 | 1.19 | 1.56 | 3.05 | 1.37 | 1.70 | 1.70 | 0.94 | 1.90 | 0.82 |
| 19 | 2.64 | 1.01 | 2.76 | 1.20 | 1.48 | 3.05 | 1.32 F | 1.10 | 1.86 | 0.94 | 1.70 | 1.03 |
| 20 | 2.62 | 0.97 | 2.68 | 1.19 | 1.53 | 2.82 | 1.33 | 0.93 | 1.57 | 1.14 | 1.27 | 1.37 |
| 21 | 2.63 | 1.16 | 2.64 | 1.20 | 1.52 | 2.60 | 1.46 | 0.88 | 1.31 | 0.90 | 0.97 | 1.40 |
| 22 | 3.00 | 1.76 | 2.54 | 1.06 | 1.46 | 2.45 | 1.55 | 0.91 | 1.40 | 0.57 | 1.07 | 1.87 |
| 23 | 2.95 | 1.78 | 2.60 | 0.81 | 1.32 | 2.19 | 1.64 | 0.77 | 1.11 | 0.90 | 1.36 | 1.84 |
| 24 | 2.93 | 1.84 | 2.86 | 0.80 | 1.45 | 1.95 | 1.75 | 0.94 | 1.11 | 1.17 | 1.54 | 1.88 |
| 25 | 2.99 | 1.95 | 2.84 | 0.47 | 1.63 | 1.90 | 1.77 | 1.12 | 1.31 | 1.36 | 1.70 | 2.02 |
| 26 | 2.83 | 2.26 | 2.82 | 0.50 | 1.85 | 1.65 | 1.85 | 1.37 | 1.38 | 1.37 | 1.63 | 2.02 |
| 27 | 2.64 | 2.80 | 2.76 | 0.61 | 1.93 | 1.27 | 1.68 | 1.45 | 1.51 | 1.43 | 1.50 | 1.92 |
| 28 | 2.47 | 3.15 | 2.64 | 0.70 | 2.10 | 1.15 | 1.53 | 1.32 | 1.60 | 0.94 | 1.22 | 1.43 |
| 29 | 2.33 | ----- | 2.54 | 0.62 | 2.20 | 1.41 | 1.44 | 1.36 | 1.61 | 0.87 | 0.86 | 0.86 |
| 30 | 2.15 | ----- | 2.25 | 0.80 | 2.23 | 1.68 | 1.21 | 1.38 | 1.25 | 1.05 | 1.06 | 0.56 |
| 31 | 1.90 | ----- | 1.86 | ----- | 2.12 | ----- | 1.25 | 1.50 | ----- | 1.06 | ----- | 0.85 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.99 | 1.53 | 2.30 | 1.12 | 1.53 | 2.06 | 1.66 | 1.33 | 1.41 | 0.92 | 1.28 | 1.38 |
| MAX | 3.00 | 3.15 | 3.17 | 2.05 | 2.23 | 3.15 | 2.11 | 2.38 | 1.86 | 1.43 | 2.37 | 2.02 |
| MIN | 0.79 | 0.72 | 1.09 | 0.47 | 0.95 | 1.10 | 1.21 | 0.77 | 1.11 | 0.36 | 0.50 | 0.56 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 30 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.54.

HIGHEST STAGE WAS 3.29 AT 6:30 A.M. ON FEB 28.

LOWEST STAGE WAS 0.27 ON OCT 13.

DAILY STAGE FOR 1987

BAYOU BOEUF NEAR WOODWORTH, LA.

LOCATION. LAT. 31-12-08, LONG. 92-30-38. U. S. HIGHWAY 165 BRIDGE, 3.8 MILES NORTH OF WOODWORTH (STA. 6125015.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. DAILY, MAY 4, 1939, TO JUNE 30, 1942, AND SEP. 27, 1962, TO DATE. INTERMITTENTLY, 1942 TO 1957.

EXTREMES. HIGHEST, 72.4 FEET (FROM WATERMARK) IN MAY 1953. LOWEST, 59.59 FEET ON JUNE 17, 1970.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | | 63.34 | 68.41 | 63.09 | | 62.56 | 61.97 | 62.54 | 61.78 | 61.51 | 61.58 | 68.16 |
| 2 | | 63.51 | 68.15 | | | 62.52 | 62.85 | 62.34 | 61.74 | 61.49 | 61.56 | 67.79 |
| 3 | | 63.45 | 67.79 | | | 62.50 | 63.22 | 62.12 | 61.71 | 61.43 | 61.50 | 67.35 |
| 4 | | 63.26 | 67.32 | | | 62.47 | 62.98 | 61.94 | 61.66 | 61.39 | 61.52 | 66.77 |
| 5 | | 63.17 | 66.58 | | | 62.45 | 62.59 | 61.85 | 61.61 | 61.37 | 61.54 | 66.09 |
| 6 | | 63.19 | 65.43 | | | 62.46 | 62.41 | 61.80 | 61.59 | 61.35 | 61.44 | 65.22 |
| 7 | | 63.41 | 64.24 | | | 62.26 | 62.32 | 61.99 | 61.55 | 61.32 | 61.48 | 66.01 |
| 8 | | 63.34 | 64.95 | | | 62.17 | 63.12 | 61.97 | 61.55 | 61.60 | 61.46 | 66.91 |
| 9 | 63.39 | 63.19 | 65.65 | | | 62.06 | 61.94 | 61.54 | 61.54 | 61.58 | 62.01 | 66.81 |
| 10 | 63.45 | 63.08 | 65.00 | | | 62.00 | 63.97 | 62.10 | 61.53 | 61.47 | 62.78 | 66.30 |
| 11 | 63.33 | 63.03 | 64.20 | | | 61.94 | 63.34 | 62.53 | 61.51 | 61.33 | 62.52 | 65.54 |
| 12 | 63.21 | 63.03 | 63.89 | | | 61.86 | 62.99 | 63.07 | 61.60 | 61.33 | 62.42 | 64.75 |
| 13 | 63.18 | 62.98 | 63.66 | | | 62.14 | 62.80 | 63.57 | 61.64 | 61.38 | 62.34 | 64.24 |
| 14 | 63.20 | 62.98 | 63.52 | | | 62.71 | 62.66 | 62.93 | 61.64 | 61.44 | 62.27 | 63.89 |
| 15 | 63.25 | 63.14 | 63.48 | | | 62.59 | 62.53 | 62.69 | 61.64 | 61.52 | 62.21 | 63.70 |
| 16 | 63.24 | 66.28 | 63.39 | | | 62.49 | 62.44 | 62.54 | 61.64 | 61.53 | 68.28 | 63.57 |
| 17 | 63.27 | 65.98 | 63.36 | | | 62.44 | 62.37 | 62.41 | 61.98 | 61.52 | 70.45 | 63.36 |
| 18 | 67.43 | 64.75 | 67.73 | | | 62.39 | 62.24 | 62.33 | 62.06 | 61.54 | 70.52 | 63.22 |
| 19 | 68.11 | 63.76 | 68.03 | | | 62.39 | 62.12 | 62.35 | 62.50 | 61.54 | 70.52 | 63.19 |
| 20 | 67.94 | 63.41 | 67.80 | | | 62.32 | 62.04 | 62.20 | 62.60 | 61.55 | 70.41 | 63.39 |
| 21 | 67.50 | 66.45 | 67.43 | | | 62.39 | 61.91 | 62.20 | 62.48 | 61.55 | 70.26 | 66.26 |
| 22 | 66.89 | 66.91 | 66.81 | | | 62.40 | 62.13 | 62.15 | 62.35 | 61.55 | 70.08 | 66.74 |
| 23 | 65.82 | 66.78 | 65.84 | | | 62.28 | 63.13 | 62.11 | 62.22 | 61.58 | 69.87 | 66.53 |
| 24 | 64.56 | 66.14 | 66.19 | | | 62.22 | 63.15 | 62.03 | 62.12 | 61.59 | 69.65 | 66.01 |
| 25 | 64.04 | 66.17 | 65.96 | | | 62.55 | 62.79 | 61.91 | 62.03 | 61.56 | 69.39 | 65.33 |
| 26 | 63.83 | 66.80 | 64.85 | | | 62.38 | 62.62 | 61.82 | 61.96 | 61.64 | 69.18 | 64.65 |
| 27 | 63.65 | 68.13 | 64.06 | | | 62.21 | 62.52 | 61.77 | 61.90 | 62.01 | 68.92 | 66.46 |
| 28 | 63.60 | 68.30 | 63.65 | | 62.78 | 62.07 | 62.43 | 61.73 | 61.83 | 61.87 | 68.93 | 66.93 |
| 29 | 63.54 | ----- | 63.42 | | 62.70 | 61.90 | 62.29 | 61.69 | 61.56 | 61.76 | 68.75 | 66.74 |
| 30 | 63.52 | ----- | 63.27 | | 62.64 | 61.78 | 62.11 | 61.67 | 61.55 | 61.68 | 68.49 | 66.16 |
| 31 | 63.40 | ----- | 63.18 | ----- | 62.59 | ----- | 62.16 | 61.69 | ----- | 61.61 | ----- | 65.44 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 64.49 | 64.57 | 65.39 | 63.09 | 62.68 | 62.30 | 62.61 | 62.19 | 61.84 | 61.54 | 65.74 | 65.66 |
| MAX | 68.11 | 68.30 | 68.41 | 63.09 | 62.78 | 62.71 | 63.97 | 63.57 | 62.60 | 62.01 | 70.52 | 68.16 |
| MIN | 63.18 | 62.98 | 63.18 | 63.09 | 62.59 | 61.78 | 61.91 | 61.67 | 61.51 | 61.32 | 61.44 | 63.19 |
| DAYS | 23 | 28 | 31 | 1 | 4 | 30 | 30 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 300

THE MEAN STAGE FOR THE YEAR WAS 63.59.

HIGHEST STAGE WAS 70.60 AT 3:00 P. M. ON NOV 18

LOWEST STAGE WAS 61.32 ON OCT 6.

DAILY STAGE FOR 1987

BAYOU BOEUF NEAR LAMOURIE, LA

LOCATION. LAT. 31-09-10. LONG 92-25-51 ON BRIDGE, 0.7 MILE ABOVE JUNCTION WITH BAYOU LAMOURIE
AND TWO MILES NORTHWEST OF LAMOURIE. (STA. 6128015.)

GAGE STAFF TYPE

RECORDS AVAILABLE OCT 12, 1937, TO DATE FROM 1937 TO 1938 GAGE WAS KNOWN AS BAYOU BOEUF AT
HIGHWAY BRIDGE 1/2 MILE ABOVE BAYOU LAMOURIE, AND IN 1939 AS BAYOU BOEUF, 3/4 MILE ABOVE BAYOU
LAMOURIE

EXTREMES. HIGHEST, 72.4 FEET ON MAY 18 AND 19, 1953. LOWEST, 59.2 FEET FROM SEPT. 5 TO 11, 1939.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 62.79 | 62.96 | 66.03 | 62.70 | 61.88 | 62.55 | 61.90 | 61.98 | 61.46 | 61.48 | 61.29 | 67.02 |
| 2 | 62.76 | 62.94 | 65.76 | 62.68 | 61.87 | 62.53 | 62.48 | 61.86 | 61.50 | 61.46 | 61.27 | 66.62 |
| 3 | 62.73 | 62.88 | 65.29 | 62.70 | 61.86 | 62.48 | 62.72 | 61.73 | 61.47 | 61.44 | 61.26 | 65.98 |
| 4 | 64.06 | 62.80 | 64.84 | 62.70 | 61.85 | 62.51 | 62.77 | 61.62 | 61.41 | 61.40 | 61.25 | 65.34 |
| 5 | 64.01 | 62.73 | 64.13 | 62.69 | 62.41 | 62.48 | 62.63 | 61.59 | 61.34 | 61.35 | 61.24 | 64.65 |
| 6 | 63.33 | 62.77 | 63.71 | 62.68 | 62.59 | 62.45 | 62.50 | 61.57 | 61.28 | 61.31 | 61.22 | 64.12 |
| 7 | 63.03 | 62.79 | 63.25 | 62.67 | 62.58 | 62.39 | 62.39 | 61.59 | 61.25 | 61.29 | 61.21 | 64.42 |
| 8 | 62.98 | 62.77 | 63.68 | 62.66 | 62.53 | 62.32 | 62.89 | 61.60 | 61.28 | 61.27 | 61.20 | 64.78 |
| 9 | 62.96 | 62.72 | 63.61 | 62.62 | 62.48 | 62.25 | 63.52 | 61.62 | 61.34 | 61.25 | 61.42 | 64.81 |
| 10 | 62.94 | 62.68 | 63.53 | 62.59 | 62.75 | 62.18 | 63.22 | 61.65 | 61.40 | 61.20 | 62.01 | 64.32 |
| 11 | 62.87 | 62.63 | 63.21 | 62.57 | 63.48 | 62.13 | 62.94 | 62.01 | 61.45 | 61.13 | 62.12 | 63.86 |
| 12 | 62.83 | 62.58 | 63.08 | 62.55 | 63.50 | 62.10 | 62.68 | 62.42 | 61.51 | 61.05 | 62.06 | 63.63 |
| 13 | 62.78 | 62.54 | 62.93 | 62.53 | 63.40 | 62.30 | 62.56 | 62.83 | 61.52 | 61.07 | 62.01 | 63.42 |
| 14 | 62.82 | 62.51 | 62.86 | 62.50 | 64.03 | 62.80 | 62.45 | 62.61 | 61.48 | 61.12 | 61.98 | 63.28 |
| 15 | 62.85 | 62.76 | 62.81 | 62.47 | 63.72 | 62.74 | 62.36 | 62.46 | 61.42 | 61.19 | 61.98 | 63.17 |
| 16 | 62.88 | 64.38 | 62.79 | 62.44 | 63.20 | 62.64 | 62.24 | 62.31 | 61.37 | 61.20 | 67.62 | 63.02 |
| 17 | 62.91 | 64.01 | 62.76 | 62.41 | 63.33 | 62.52 | 62.12 | 62.24 | 61.51 | 61.21 | 69.66 | 62.90 |
| 18 | 66.51 | 63.45 | 66.10 | 62.39 | 63.08 | 62.47 | 62.04 | 62.17 | 61.69 | 61.22 | 69.72 | 62.85 |
| 19 | 66.61 | 63.02 | 65.83 | 62.35 | 62.87 | 62.45 | 61.96 | 62.12 | 62.14 | 61.25 | 69.77 | 62.81 |
| 20 | 66.12 | 62.80 | 65.23 | 62.30 | 62.76 | 62.43 | 61.79 | 62.07 | 62.24 | 61.27 | 69.62 | 64.01 |
| 21 | 65.68 | 64.69 | 64.92 | 62.26 | 62.69 | 62.49 | 61.67 | 62.03 | 62.18 | 61.29 | 69.38 | 64.68 |
| 22 | 65.14 | 64.86 | 64.49 | 62.22 | 62.60 | 62.44 | 62.01 | 61.97 | 62.10 | 61.28 | 69.10 | 64.72 |
| 23 | 64.53 | 64.60 | 63.97 | 62.16 | 62.52 | 62.38 | 63.01 | 61.90 | 61.98 | 61.26 | 68.90 | 64.46 |
| 24 | 63.70 | 64.05 | 64.48 | 62.08 | 62.47 | 62.42 | 62.87 | 61.84 | 61.87 | 61.24 | 68.63 | 64.09 |
| 25 | 63.32 | 64.31 | 63.92 | 61.99 | 62.55 | 62.63 | 62.55 | 61.77 | 61.78 | 61.23 | 68.40 | 63.78 |
| 26 | 63.20 | 65.48 | 63.61 | 61.93 | 62.64 | 62.51 | 62.40 | 61.68 | 61.71 | 61.21 | 68.23 | 63.52 |
| 27 | 63.11 | 66.12 | 63.23 | 61.92 | 62.59 | 62.33 | 62.34 | 61.59 | 61.62 | 61.50 | 67.95 | 64.70 |
| 28 | 63.09 | 66.10 | 63.04 | 61.91 | 62.55 | 62.21 | 62.26 | 61.53 | 61.56 | 61.47 | 68.10 | 64.59 |
| 29 | 63.07 | ----- | 62.92 | 61.90 | 62.57 | 62.09 | 62.14 | 61.47 | 61.52 | 61.43 | 67.81 | 64.37 |
| 30 | 63.02 | ----- | 62.81 | 61.89 | 62.58 | 61.98 | 62.02 | 61.43 | 61.50 | 61.38 | 67.41 | 64.10 |
| 31 | 63.00 | ----- | 62.75 | ----- | 62.57 | ----- | 62.00 | 61.42 | ----- | 61.34 | ----- | 63.83 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 63.60 | 63.53 | 63.92 | 62.38 | 62.73 | 62.41 | 62.43 | 61.89 | 61.60 | 61.28 | 65.15 | 64.25 |
| MAX | 66.61 | 66.12 | 66.10 | 62.70 | 64.03 | 62.80 | 63.52 | 62.83 | 62.24 | 61.50 | 69.77 | 67.02 |
| MIN | 62.73 | 62.51 | 62.75 | 61.89 | 61.85 | 61.98 | 61.67 | 61.42 | 61.25 | 61.05 | 61.20 | 62.81 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 62.93

HIGHEST STAGE WAS 69.77 ON NOV 19

LOWEST STAGE WAS 61.04 ON OCT 12

DAILY STAGE FOR 1987

BAYOU BOEUF NEAR LECOMPTE, LA

LOCATION LAT 31-06-48, LONG 92-25-52. ABOUT 3.8 MILES ABOVE HIGHWAY 112, 3.2 MILES NORTHWEST OF LECOMPTE. (STA. 6140015.)

GAGE STAFF TYPE

RECORDS AVAILABLE JUNE 28, 1948, TO DATE

EXTREMES HIGHEST, 71.8 FEET ON MAY 18 AND 19, 1953. LOWEST, BELOW 59 FEET, ON AUG 16 AND 17, 1951

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 62 90 | 63 00 | 65 30 | 62 80 | 61 95 | 62 60 | 62 10 | 62 00 | 61 60 | 61 60 | 61 40 | 66 30 |
| 2 | 62 80 | 63 00 | 65 00 | 62 70 | 61 90 | 62 60 | 62 50 | 62 00 | 61 60 | 61 50 | 61 30 | 65 80 |
| 3 | 62 80 | 63 00 | 64 70 | 62 70 | 61 90 | 62 50 | 62 80 | 62 00 | 61 50 | 61 50 | 61 30 | 65 40 |
| 4 | 63 70 | 62 80 | 64 30 | 62 80 | 62 00 | 62 70 | 62 80 | 61 90 | 61 50 | 61 50 | 61 30 | 64 80 |
| 5 | 63 60 | 62 80 | 63 90 | 62 70 | 62 50 | 62 60 | 62 70 | 61 70 | 61 40 | 61 40 | 61 30 | 64 10 |
| 6 | 63 30 | 62 80 | 63 60 | 62 70 | 62 70 | 62 50 | 62 50 | 61 60 | 61 40 | 61 40 | 61 25 | 63 70 |
| 7 | 63 10 | 62 80 | 63 20 | 62 60 | 62 60 | 62 50 | 62 50 | 61 80 | 61 30 | 61 40 | 61 25 | 64 00 |
| 8 | 63 00 | 62 80 | 63 40 | 62 60 | 62 70 | 62 40 | 62 90 | 61 80 | 61 40 | 61 40 | 61 20 | 64 40 |
| 9 | 62 90 | 62 70 | 63 70 | 62 60 | 62 60 | 62 30 | 63 50 | 61 70 | 61 40 | 61 30 | 61 50 | 64 20 |
| 10 | 63 00 | 62 70 | 63 50 | 62 60 | 62 80 | 62 20 | 63 20 | 61 70 | 61 50 | 61 20 | 62 20 | 64 00 |
| 11 | 62 90 | 62 60 | 63 30 | 62 60 | 63 50 | 62 10 | 63 00 | 62 00 | 61 50 | 61 00 | 62 20 | 63 70 |
| 12 | 62 90 | 62 60 | 63 10 | 62 60 | 63 50 | 62 10 | 62 80 | 62 80 | 61 60 | 61 00 | 62 20 | 63 50 |
| 13 | 62 80 | 62 60 | 63 00 | 62 50 | 63 40 | 62 20 | 62 60 | 62 90 | 61 60 | 61 20 | 62 10 | 63 30 |
| 14 | 62 80 | 62 60 | 63 00 | 62 50 | 63 90 | 62 90 | 62 50 | 62 70 | 61 60 | 61 20 | 62 00 | 63 20 |
| 15 | 62 90 | 62 60 | 62 90 | 62 50 | 63 70 | 62 70 | 62 40 | 62 60 | 61 50 | 61 20 | 62 00 | 63 20 |
| 16 | 62 90 | 63 90 | 62 80 | 62 50 | 63 30 | 62 60 | 62 30 | 62 40 | 61 50 | 61 20 | 65 20 | 63 00 |
| 17 | 62 90 | 63 70 | 62 80 | 62 50 | 63 40 | 62 60 | 62 20 | 62 30 | 61 60 | 61 20 | 69 20 | 62 90 |
| 18 | 66 00 | 63 40 | 65 50 | 62 40 | 63 10 | 62 50 | 62 10 | 62 20 | 61 70 | 61 20 | 69 10 | 62 80 |
| 19 | 66 00 | 63 10 | 65 30 | 62 40 | 62 90 | 62 50 | 62 00 | 62 20 | 62 10 | 61 30 | 69 00 | 62 80 |
| 20 | 65 50 | 62 90 | 64 80 | 62 40 | 62 80 | 62 50 | 62 00 | 62 20 | 62 40 | 61 30 | 68 80 | 63 80 |
| 21 | 65 00 | 64 10 | 64 40 | 62 30 | 62 70 | 62 50 | 61 90 | 62 20 | 62 40 | 61 35 | 68 60 | 64 10 |
| 22 | 64 50 | 64 30 | 64 10 | 62 30 | 62 70 | 62 60 | 62 00 | 62 20 | 62 20 | 61 35 | 68 40 | 64 30 |
| 23 | 64 10 | 64 20 | 63 70 | 62 20 | 62 60 | 62 50 | 63 00 | 62 10 | 62 10 | 61 30 | 68 10 | 64 10 |
| 24 | 63 60 | 63 80 | 64 00 | 62 10 | 62 60 | 62 40 | 63 00 | 62 00 | 62 00 | 61 40 | 67 80 | 63 80 |
| 25 | 63 30 | 63 90 | 63 80 | 62 00 | 62 60 | 62 60 | 62 70 | 62 00 | 61 80 | 61 40 | 67 60 | 63 60 |
| 26 | 63 20 | 64 50 | 63 55 | 62 00 | 62 70 | 62 50 | 62 50 | 61 90 | 61 80 | 61 30 | 67 40 | 63 50 |
| 27 | 63 10 | 65 40 | 63 20 | 62 00 | 62 70 | 62 40 | 62 40 | 61 70 | 61 70 | 61 60 | 67 10 | 64 20 |
| 28 | 63 10 | 65 40 | 63 10 | 62 00 | 62 60 | 62 30 | 62 30 | 61 70 | 61 60 | 61 60 | 67 50 | 64 20 |
| 29 | 63 10 | ----- | 63 00 | 62 00 | 62 60 | 62 20 | 62 30 | 61 60 | 61 60 | 61 50 | 67 10 | 64 00 |
| 30 | 63 10 | ----- | 62 90 | 62 00 | 62 60 | 62 00 | 62 00 | 61 50 | 61 60 | 61 50 | 66 70 | 63 80 |
| 31 | 63 00 | ----- | 62 80 | ----- | 62 70 | ----- | 61 90 | 61 50 | ----- | 61 40 | ----- | 63 70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 63 48 | 63 36 | 63 73 | 62 42 | 62 78 | 62 45 | 62 50 | 62 03 | 61 68 | 61 35 | 64 74 | 63 94 |
| MAX | 66 00 | 65 40 | 65 50 | 62 80 | 63 90 | 62 90 | 63 50 | 62 90 | 62 40 | 61 60 | 69 20 | 66 30 |
| MIN | 62 80 | 62 60 | 62 80 | 62 00 | 61 90 | 62 00 | 61 90 | 61 50 | 61 30 | 61 00 | 61 20 | 62 80 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 62.87

HIGHEST STAGE WAS 69.20 AT 8 00 A.M. ON NOV 17.

LOWEST STAGE WAS 61.00 ON OCT 11 AND LATER DATE(S)

DAILY STAGE FOR 1987

BAYOUS RAPIDES, BOEUF AND COCODRIE DIVERSION CHANNEL NEAR LONEPINE, LA

LOCATION. LAT. 30-59-07, LONG. 92-18-32. HIGHWAY 181 BRIDGE, 2.4 MILES NORTH OF LONEPINE. (STA. 6152016)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1949, AND 1953 TO 1956. DAILY, OCT. 25, 1956, TO DATE.

EXTREMES. HIGHEST, 60.90 FEET IN 1953. LOWEST, CHANNEL DRY ON JULY 17, 1958, AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | 41.75 | 42.32 | 53.00 | | | | 40.12 | 39.61 | | | | 52.10 |
| 2 | 41.55 | 43.28 | 52.18 | | | F 40.58 | 39.99 | 39.61 | | | F 39.48 | 51.55 |
| 3 | 41.40 | 42.28 | 51.48 | | | 40.05 | 40.82 | 39.63 | | | | 50.85 |
| 4 | 47.06 | 41.52 | 50.38 | | F 39.67 | 40.28 | 41.37 | 39.62 | | | | 49.98 |
| 5 | 46.98 | 41.28 | 48.75 | | 40.28 | 40.48 | 41.08 | 39.62 | | F 39.40 | | 48.71 |
| 6 | 44.85 | 41.12 | 47.30 | F 40.91 | 40.96 | 40.18 | 40.69 | 39.62 | | | | 46.48 |
| 7 | 43.10 | 41.30 | 44.68 | 40.82 | 40.78 | 40.00 | 41.40 | 39.89 | | | | 47.20 |
| 8 | 42.38 | 41.32 | 45.35 | 40.76 | 40.58 | 39.80 | 46.18 | 39.67 | F 39.70 | | | 49.01 |
| 9 | 41.95 | 41.20 | 47.04 | 40.71 | 40.40 | | 47.15 | 39.64 | | | F 39.65 | 48.52 |
| 10 | 42.22 | 40.89 | 45.98 | 40.55 | 40.78 | | 44.90 | 39.66 | | | | 47.40 |
| 11 | 41.88 | 40.72 | F 44.75 | 40.44 | 45.15 | | 42.49 | 40.51 | | | | 45.98 |
| 12 | 41.54 | 40.62 | 43.25 | 40.34 | 45.52 | F 39.96 | E 41.02 | 40.18 | | | | 44.53 |
| 13 | 41.40 | 40.58 | 42.46 | 40.35 | 45.78 | 40.26 | E 40.68 | 41.49 | | F 39.41 | | 43.26 |
| 14 | 41.42 | 40.52 | 41.95 | 40.38 | 47.60 | 41.86 | 40.30 | 41.02 | F 39.71 | | | 42.40 |
| 15 | 41.70 | F 40.48 | 41.70 | 40.32 | 47.54 | 41.19 | 39.99 | 40.48 | | | | 42.00 |
| 16 | 42.28 | | 41.52 | 40.22 | 44.60 | 40.70 | 39.77 | 40.03 | | | 47.50 | 41.52 |
| 17 | 42.20 | F 47.31 | | 40.10 | 44.20 | 40.40 | 39.63 | 39.82 | | | 53.81 | 41.10 |
| 18 | | 45.48 | | 39.98 | 43.28 | 40.30 | 39.58 | | | | 53.96 | 40.73 |
| 19 | | 43.28 | | 40.12 | 42.02 | 40.38 | 39.50 | | | F 39.43 | 54.08 | 40.60 |
| 20 | F 55.48 | 41.93 | F 44.93 | 40.10 | 41.34 | 40.45 | 39.50 | | | | 54.13 | 45.11 |
| 21 | 54.00 | 50.35 | 46.14 | 39.95 | 41.10 | 40.59 | 39.62 | | F 39.46 | | 54.13 | 47.86 |
| 22 | 52.85 | 53.48 | 47.91 | 39.89 | 40.85 | 40.60 | 39.63 | | | | 54.06 | 49.32 |
| 23 | 51.10 | 51.22 | 47.66 | 39.90 | 40.70 | 40.26 | 41.15 | | | | 53.87 | 48.25 |
| 24 | 48.08 | 48.82 | | 39.88 | 40.52 | 40.50 | 42.29 | F 39.65 | | | 53.52 | 46.87 |
| 25 | 45.45 | 50.22 | F 48.65 | 39.86 | 40.52 | 40.98 | 40.91 | | | | 53.25 | 45.72 |
| 26 | 44.21 | 54.25 | 46.46 | 39.85 | 40.72 | 40.60 | 40.50 | | | | 53.12 | 44.37 |
| 27 | 43.58 | 54.30 | 44.42 | F 39.85 | 40.70 | 40.22 | 40.07 | | | F 39.61 | 52.80 | 47.35 |
| 28 | 43.28 | 53.86 | 42.98 | | 40.62 | 39.98 | 39.70 | | F 39.45 | | 54.18 | 48.60 |
| 29 | 43.04 | ----- | 42.22 | | 40.55 | 40.00 | 39.61 | | | | 53.29 | 47.84 |
| 30 | 42.90 | ----- | 41.75 | | 40.48 | 39.97 | 39.61 | | | | 52.59 | 46.65 |
| 31 | 42.58 | ----- | 41.46 | ----- | 40.58 | ----- | 39.61 | F 39.80 | ----- | | ----- | 45.65 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 44.56 | 44.96 | 45.79 | 40.24 | 42.06 | 40.41 | 40.93 | 39.98 | 39.58 | 39.46 | 51.61 | 46.37 |
| MAX | 55.48 | 54.30 | 53.00 | 40.91 | 47.60 | 41.86 | 47.15 | 41.49 | 39.71 | 39.61 | 54.18 | 52.10 |
| MIN | 41.40 | 40.48 | 41.46 | 39.85 | 39.67 | 39.80 | 39.50 | 39.61 | 39.45 | 39.40 | 39.48 | 40.60 |
| DAYS | 29 | 27 | 27 | 22 | 28 | 26 | 31 | 19 | 4 | 4 | 17 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 265

E=ESTIMATED F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 43.46

HIGHEST STAGE (FROM INCOMPLETE RECORD) WAS 55.48 AT 11:20 A.M. ON JAN 20.

LOWEST STAGE WAS 39.40 ON OCT 5.

DAILY STAGE FOR 1987

141

BAYOUS RAPIDES, BOEUF AND COCODRIE DIVERSION CHANNEL EAST OF LONEPINE, LA

LOCATION: LAT. 30-57-10. LONG. 92-16-50. ON HIGHWAY 115 BRIDGE ABOUT TWO MILE EAST OF LONEPINE
(STA. 6153516.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE SEP. 20, 1985 TO DATE.

EXTREMES. HIGHEST, 54.53 FEET ON OCT. 13, 1985. LOWEST, NOT DETERMINED.

DAILY EIGHT A.M. STAGES IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|
| 1 | | 41.89 | 46.12 | | | | | | | | | 46.24 |
| 2 | | 41.30 | 45.21 | | | | | | | | | 45.36 |
| 3 | | 40.50 | 47.97 | | | | | | | | | 44.51 |
| 4 | | 40.41 | 47.12 | | | | | | | | | 47.79 |
| 5 | | 39.91 | 46.48 | | | | | | | | | 46.65 |
| 6 | | 39.89 | 45.32 | | | | | | | | | 44.64 |
| 7 | | 39.95 | 42.23 | | | | 39.80 | | | | | 43.40 |
| 8 | | 40.00 | 41.89 | | | | 43.73 | | | | | |
| 9 | | 40.01 | 42.10 | | | | 43.94 | | | | | |
| 10 | 46.22 | 40.01 | 42.37 | | 37.73 | | 43.01 | | | | | |
| 11 | 46.22 | 39.40 | 41.61 | | 40.55 | | 40.30 | | | | | |
| 12 | 46.23 | 39.30 | 41.01 | | | | 38.42 | | | | | |
| 13 | 46.23 | 39.42 | 40.96 | | | | | 37.79 | | | | |
| 14 | 46.23 | 39.28 | 40.93 | | | | | 38.15 | | | | |
| 15 | 46.22 | 39.28 | 40.91 | | | 38.75 | | | | | | |
| 16 | 46.23 | 39.29 | 40.90 | | | 38.26 | | | | | | |
| 17 | 46.23 | 39.29 | 40.88 | | | | | | | | 46.46 | |
| 18 | 44.21 | 39.29 | 40.82 | | | | | | | | | |
| 19 | 51.85 | 39.28 | 40.80 | | | | | | | | | |
| 20 | 50.16 | 39.27 | | | 38.20 | | | | | | | |
| 21 | 48.37 | 51.16 | | 38.58 | | | | | | | | |
| 22 | 46.54 | 51.27 | | | | | | | | | | |
| 23 | 44.82 | 50.57 | | | | | | | | | | |
| 24 | 42.81 | 50.14 | | | | | | | | | | |
| 25 | 41.59 | 49.84 | | | | 38.27 | | | | | | |
| 26 | 41.15 | 49.45 | | | | | | | | | | |
| 27 | 41.05 | 48.86 | | | | | | | | | | |
| 28 | 40.61 | 47.83 | | | | | | | | | | 46.65 |
| 29 | 40.45 | ----- | | | | | | | | | | 46.34 |
| 30 | 40.20 | ----- | | | | | | | | | | 45.24 |
| 31 | 40.19 | ----- | | ----- | | ----- | | | ----- | | ----- | 43.99 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|---|---|-------|-------|
| MEAN | 44.72 | 42.72 | 42.93 | 38.58 | 38.83 | 38.43 | 41.53 | 37.97 | | | 46.46 | 45.53 |
| MAX | 51.85 | 51.27 | 47.97 | 38.58 | 40.55 | 38.75 | 43.94 | 38.15 | | | 46.46 | 47.79 |
| MIN | 40.19 | 39.27 | 40.80 | 38.58 | 37.73 | 38.26 | 38.42 | 37.79 | | | 46.46 | 43.40 |
| DAYS | 22 | 28 | 19 | 1 | 3 | 3 | 6 | 2 | 0 | 0 | 1 | 11 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 96

HIGHEST STAGE WAS 51.85 ON JAN 19

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

BAYOUS RAPIDES, BOEUF AND COCODRIE DIVERSION CHANNEL NEAR EDLA, LA.

LOCATION. LAT. 30-53-44, LONG. 92-13-47. ON BRIDGE, 350 FEET BELOW TEXAS AND PACIFIC RAILROAD
BRIDGE AND 1.5 MILES SOUTHWEST OF EDLA. (STA. 6156012A.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JULY 24, 1958, TO DATE.

EXTREMES. HIGHEST (FROM INCOMPLETE RECORD) 47.61 FEET ON JAN. 3, 1983. LOWEST, 27.27 FEET ON
AUG. 4, 1987 AND LATER DATE(S).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|-------|---------|-------|---------|---------|---------|---------|-------|---------|-------|
| 1 | 31.75 | | 43.41 | 30.91 | | 29.61 | 29.15 | | 28.71 | F | 28.10 | 42.51 |
| 2 | 31.39 | 33.46 | 42.81 | 30.57 | | 29.19 | 28.80 | | 28.40 | | | 41.79 |
| 3 | 31.08 | 32.59 | 41.99 | 30.59 | | 28.83 | 29.60 | 27.29 | 28.50 | | | 40.98 |
| 4 | 37.29 | 31.49 | 40.61 | 30.57 F | 27.34 | 28.67 | 31.03 | 27.27 | 28.40 | | | 40.22 |
| 5 | 37.24 | 30.99 | 39.04 | 30.49 | 29.24 | 29.41 | 30.36 | 27.27 | 28.34 F | 28.03 | F | 39.44 |
| 6 | 35.47 | 30.81 | 37.69 | 30.29 F | 31.57 | 29.03 | 29.59 | 27.28 | 28.32 | | | |
| 7 | 33.59 | 30.93 | 35.44 | 30.24 | | 28.75 | 32.24 | 27.94 | 28.34 | | F | 37.90 |
| 8 | 32.57 | 31.07 | 35.47 | 30.09 | | 28.51 | 36.72 | | 29.01 | | | 39.66 |
| 9 | 32.01 | 30.83 | 37.17 | 30.14 | | 28.49 | 36.80 | | 28.31 | | 28.48 F | 39.28 |
| 10 | 32.67 | 30.37 | | 29.87 | | 28.54 | 35.31 | 28.45 | 28.31 | | 28.63 | |
| 11 | 32.04 | 30.01 | | 29.61 F | 34.87 | 28.49 | 32.82 | 29.52 | 28.37 | | 28.61 | |
| 12 | 31.49 | 29.87 | | 29.51 | 35.34 | 28.49 | 31.10 | 29.51 | 28.58 | | 28.42 | |
| 13 | 31.24 | 29.81 | | 29.44 | 36.24 | 29.09 | 30.09 | 30.87 | 28.39 F | 28.24 | | |
| 14 | 31.19 | 29.69 | | 29.37 | 36.32 | 31.77 | 29.88 | 30.83 | 28.38 | | F | 33.00 |
| 15 | 31.50 | 29.59 | | 29.39 | 37.27 | 30.99 | 29.10 F | 29.79 | | | F | 32.62 |
| 16 | 32.04 F | 32.17 F | 31.34 | 29.33 | 34.97 | 30.21 | 28.70 | | | | 33.10 | 32.10 |
| 17 | 32.61 F | 37.64 | 31.17 | 29.17 | 33.79 | 29.57 | 28.62 F | 28.54 | | F | 42.52 | 31.63 |
| 18 | 44.96 | | 44.37 | 28.89 | 33.47 | 29.89 | 28.66 | 28.49 | | | 42.90 | 31.05 |
| 19 | 44.97 | | 44.36 | 29.08 | 31.89 | 29.84 | 28.57 | 28.44 | F | 27.38 | 43.20 | 30.73 |
| 20 | 44.82 | 32.11 | 44.07 | 29.04 | 30.89 | 30.04 | 28.52 | 28.40 | | | 43.36 | 36.21 |
| 21 | 44.54 | 40.35 | 43.21 | 28.84 | 30.37 | 29.61 | 28.49 | 28.38 | 28.12 | | 43.43 | 38.39 |
| 22 | 44.29 | 42.49 | 40.84 | 28.66 | 30.01 | 29.97 | 28.79 | 28.31 | | | 43.43 | 39.98 |
| 23 | 43.47 | 42.51 | 38.42 | 28.54 | 29.87 | 29.49 | 28.59 | 28.30 | | | 43.42 | 38.92 |
| 24 | | 39.69 | 41.59 | 28.52 | 29.59 | 29.04 | | 28.31 | | | 43.28 | 37.62 |
| 25 | | 40.92 | 39.57 | 28.49 | 29.44 | 30.84 | | 28.29 | | | 43.10 | 36.47 |
| 26 | | 42.61 | 37.34 | 28.46 | 29.49 | 29.74 | | 28.29 | F | 28.92 | 43.01 | 35.19 |
| 27 | F 33.96 | 43.69 | 35.12 | 28.39 | 29.73 | 29.24 F | 28.94 | 28.32 | | 28.38 | 42.82 | 37.51 |
| 28 | | 43.54 | 33.51 | | 29.74 | 28.81 | 28.67 | 28.38 F | 28.10 | 28.45 | 43.38 | 38.91 |
| 29 | | ----- | 32.49 | | 29.47 | 28.79 | 28.53 | 28.67 | | | 43.39 | 38.37 |
| 30 | | ----- | 31.84 | | 29.37 | 28.72 | | 28.45 | | | 43.00 | 37.30 |
| 31 | | ----- | 31.33 | ----- | 29.29 | ----- | | 28.37 | ----- | | ----- | 36.40 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 35.76 | 34.77 | 38.17 | 29.50 | 31.65 | 29.39 | 30.29 | 28.54 | 28.41 | 28.23 | 38.98 | 37.08 |
| MAX | 44.97 | 43.69 | 44.37 | 30.91 | 37.27 | 31.77 | 36.80 | 30.87 | 29.01 | 28.92 | 43.43 | 42.51 |
| MIN | 31.08 | 29.59 | 31.17 | 28.39 | 27.34 | 28.49 | 28.49 | 27.27 | 28.10 | 27.38 | 28.10 | 30.73 |
| DAYS | 24 | 25 | 25 | 27 | 24 | 30 | 26 | 26 | 16 | 6 | 20 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 275

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 32.79.

HIGHEST STAGE WAS 44.97 AT 6:00 A.M. ON JAN 19.

LOWEST STAGE WAS 27.27 ON AUG 4 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOUS RAPIDES, BOEUF AND COCODRIE DIVERSION CHANNEL AT MILBURN, LA.

LOCATION. LAT. 30-51-58, LONG. 92-13-52. ON HIGHWAY 106 BRIDGE. (STA. 6160012A.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY. 1949 TO 1958 DAILY. JULY 23, 1958, TO DATE

EXTREMES. HIGHEST, 49.30 FEET (FROM WATERMARK) IN MAY 1953 LOWEST, 25.53 FEET ON OCT. 15, 1987 AND LATER DATE(S).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| 1 | 29.00 | 30.41 | 39.85 | 28.43 | 25.90 | 27.03 | 26.48 | 26.03 | 26.30 | 25.56 | 25.69 | 38.38 |
| 2 | 28.70 | 30.47 | 39.28 | 28.07 | 25.85 | 26.63 | 26.19 | 25.96 | 25.97 | 25.57 | 25.68 | 37.70 |
| 3 | 28.35 | 30.05 | 38.57 | 28.13 | 25.85 | 26.30 | 26.53 | 25.90 | 26.06 | 25.56 | 25.60 | 37.00 |
| 4 | 33.85 | 28.87 | 37.41 | 28.09 | 25.85 | 26.13 | 28.24 | 25.86 | 26.00 | 25.55 | 25.60 | 36.35 |
| 5 | 33.95 | 28.35 | 36.05 | 28.03 | 27.90 | 26.85 | 27.65 | 25.86 | 25.86 | 25.56 | 25.62 | 35.35 |
| 6 | 32.33 | 28.13 | 34.80 | 27.79 | 29.23 | 26.47 | 26.87 | 25.92 | 25.85 | 25.55 | 25.60 | 33.60 |
| 7 | 30.60 | 28.25 | 32.85 | 27.65 | 27.97 | 26.23 | 29.37 | 26.51 | 25.86 | 25.55 | 25.60 | 34.22 |
| 8 | 29.75 | 28.43 | 32.75 | 27.49 | 27.45 | 26.03 | 33.05 | 26.14 | 25.85 | 25.55 | 25.60 | 35.72 |
| 9 | 29.27 | 28.19 | 34.14 | 27.53 | 27.13 | 25.95 | 33.23 | 26.05 | 25.85 | 25.55 | 25.75 | 35.28 |
| 10 | 29.85 | 27.77 | 33.35 | 27.24 | 28.40 | 26.03 | 31.99 | 26.20 | 25.85 | 25.55 | 25.87 | 34.40 |
| 11 | 27.27 | 27.43 | 31.84 | 27.00 | 31.40 | 25.97 | 29.94 | 27.49 | 25.93 | 25.55 | 25.82 | 33.25 |
| 12 | 28.77 | 27.25 | 30.73 | 26.90 | 32.15 | 25.95 | 28.46 | 27.03 | 26.06 | 25.56 | 25.75 | 31.95 |
| 13 | 28.55 | 27.23 | 29.85 | 26.81 | 32.94 | 26.75 | 27.53 | 28.24 | 25.95 | 25.56 | 25.65 | 30.92 |
| 14 | 28.53 | 27.09 | 29.27 | 26.67 | 32.95 | 28.97 | 27.33 | 28.32 | 25.91 | 25.54 | 25.64 | 30.08 |
| 15 | 28.75 | 28.13 | 28.83 | 26.73 | 33.84 | 28.33 | 26.50 | 27.23 | 25.87 | 25.53 | 25.62 | 29.63 |
| 16 | 29.25 | 34.57 | 28.60 | 26.67 | 31.81 | 27.73 | 26.14 | 26.52 | 25.85 | 25.55 | 30.00 | 29.28 |
| 17 | 29.85 | 34.55 | 28.45 | 26.47 | 30.77 | 27.00 | 26.03 | 26.13 | 25.84 | 25.53 | 37.81 | 28.90 |
| 18 | 41.60 | 32.95 | 40.65 | 26.27 | 30.55 | 27.35 | 26.05 | 25.95 | 25.70 | 25.54 | 38.32 | 28.48 |
| 19 | 41.55 | 31.05 | 40.75 | 26.41 | 29.33 | 27.25 | 25.97 | 25.90 | 25.67 | 25.55 | 38.58 | 28.20 |
| 20 | 41.55 | 29.53 | 40.53 | 26.40 | 28.35 | 27.45 | 25.94 | 25.91 | 25.70 | 25.59 | 38.82 | 32.78 |
| 21 | 41.23 | 36.75 | 39.75 | 26.25 | 27.81 | 26.95 | 25.95 | 25.87 | 25.73 | 25.58 | 38.97 | 34.60 |
| 22 | 41.03 | 38.90 | 37.80 | 26.15 | 27.51 | 27.35 | 26.33 | 25.84 | 25.57 | 25.56 | 39.07 F | 35.05 |
| 23 | 40.35 | 38.90 | 35.55 | 26.05 | 27.30 | 27.00 | 26.04 | 25.83 | 25.55 | 25.54 | 39.00 | |
| 24 | 38.03 | 36.50 | 38.27 | 26.07 | 27.10 | 26.50 | 29.51 | 25.85 | 25.83 | 25.55 | 38.95 | |
| 25 | 35.63 | 37.60 | 36.45 | 26.03 | 26.87 | 28.35 | 28.40 | 25.86 | 25.82 | 25.57 | 38.80 | |
| 26 | 34.30 | 39.40 | 34.47 | 25.97 | 26.90 | 27.20 | 27.09 | 25.86 | 25.71 | 26.00 | 38.73 | |
| 27 | 33.40 | 40.15 | 32.65 | 25.93 | 27.15 | 26.65 | 26.46 | 25.92 | 25.65 | 25.82 | 38.55 | |
| 28 | 32.55 | 40.05 | 31.17 | 26.09 | 27.40 | 26.25 | 26.16 | 25.95 | 25.60 | 25.81 | 39.08 F | 35.03 |
| 29 | 32.05 | ----- | 30.15 | 26.05 | 26.90 | 26.25 | 26.01 | 26.15 | 25.61 | 25.67 | 39.10 | 34.60 |
| 30 | 31.55 | ----- | 29.40 | 26.00 | 26.80 | 26.23 | 25.94 | 26.04 | 25.60 | 25.59 | 38.81 | 33.69 |
| 31 | 30.95 | ----- | 28.81 | ----- | 26.80 | ----- | 25.95 | 25.95 | ----- | 25.63 | ----- | 32.73 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 33.04 | 32.03 | 34.29 | 26.85 | 28.52 | 26.84 | 27.53 | 26.27 | 25.82 | 25.59 | 31.92 | 33.35 |
| MAX | 41.60 | 40.15 | 40.75 | 28.43 | 33.84 | 28.97 | 33.23 | 28.32 | 26.30 | 26.00 | 39.10 | 38.38 |
| MIN | 28.35 | 27.09 | 28.45 | 25.93 | 25.85 | 25.95 | 25.94 | 25.83 | 25.55 | 25.53 | 25.60 | 28.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 360

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 29.28

HIGHEST STAGE WAS 41.73 AT 9:00 P.M. ON JAN 17.

LOWEST STAGE WAS 25.53 ON OCT 15 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU COCODRIE NEAR CLEARWATER, LA.

LOCATION. LAT. 31-00-00, LONG. 92-22-46. U. S. HIGHWAY 167 BRIDGE, 1,000 FEET DOWNSTREAM FROM BAYOU COCODRIE DAM, AND 1.5 MILES EAST OF CLEARWATER. (STA. 6164016.)

GAGE. AUTOMATIC RECORDER AND WIRE-WEIGHT.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. DRAINAGE AREA, 240 SQUARE MILES. SLIGHT REGULATION AT LOW FLOW BY LAKE COCODRIE (USABLE CAPACITY, 9,000 ACRE-Feet).

RECORDS AVAILABLE. STAGE, MAY 1922 TO JAN. 1925, AND OCT. 1937 TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1946. PRIOR TO OCT. 1937, STATION WAS REFERRED TO AS, NEAR MEEKER, LA. DISCHARGE, DAILY, COMPUTED AND PUBLISHED BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.72 FEET ON MAY 19, 1953. LOWEST NOT DETERMINED.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 40.00 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|-------|
| 1 | 15.00 | 16.05 | 17.15 | 15.38 | 6.81 | 6.95 | 7.53 | 7.07 | 6.51 | 6.21 | 5.95 | 15.70 |
| 2 | 14.78 | 15.91 | 17.11 | 15.17 | 6.69 | 6.80 | 7.52 | 7.12 | 6.50 | 6.19 | 5.93 | 15.48 |
| 3 | 14.65 | 15.71 | 16.96 | 14.96 | 6.54 | 6.69 | 7.49 | 7.01 | 6.49 | 6.17 | 5.41 | 15.27 |
| 4 | 14.67 | 15.50 | 16.76 | 14.73 | 6.58 | 6.65 | 7.37 | 6.86 | 6.48 | 6.15 | 4.71 | 15.05 |
| 5 | 14.68 | 15.29 | 16.54 | 14.51 | 6.88 | 6.61 | 7.23 | 6.75 | 6.47 | 6.14 | 4.67 | 14.82 |
| 6 | 14.59 | 15.10 | 16.33 | 14.30 | 7.18 | 6.55 | 7.21 | 6.72 | 6.47 | 6.11 | 4.68 | 14.61 |
| 7 | 14.43 | 14.90 | 16.14 | 14.07 | 7.48 | 6.48 | 7.44 | 6.83 | 6.46 | 6.10 | 4.69 | 14.60 |
| 8 | 14.24 | 14.68 | 16.02 | 13.84 | 7.68 | 6.41 | 8.75 | 6.85 | 6.45 | 6.07 | 4.70 | 14.68 |
| 9 | 14.06 | 14.45 | 15.90 | 13.62 | 7.80 | 6.43 | 11.66 | 6.78 | 6.44 | 6.03 | 4.72 | 14.73 |
| 10 | 13.89 | 14.24 | 15.73 | 13.38 | 8.29 | 6.43 | 12.70 | 6.89 | 6.43 | 6.00 | 4.71 | 14.64 |
| 11 | 13.69 | 14.02 | 15.56 | 13.13 | 9.44 | 6.35 | 12.55 | 7.38 | 6.47 | 5.96 | 4.72 | 14.47 |
| 12 | 13.49 | 13.80 | 15.36 | 12.85 | 9.69 | 6.40 | 12.08 | 7.71 | 6.47 | 5.92 | 4.73 | 14.27 |
| 13 | 13.27 | 13.57 | 15.16 | 12.45 | 9.90 | 6.69 | 11.46 | 7.79 | 6.45 | 5.49 | 4.72 | 14.05 |
| 14 | 13.07 | 13.34 | 14.95 | 11.92 | 9.89 | 7.41 | 10.89 | 7.60 | 6.44 | 4.38 | 4.72 | 13.85 |
| 15 | 12.82 | 13.27 | 14.74 | 11.30 | 9.95 | 8.16 | 10.41 | 7.40 | 6.42 | 4.35 | 4.75 | 13.64 |
| 16 | 12.60 | 13.37 | 14.52 | 10.75 | 9.85 | 8.55 | 10.53 | 7.21 | 6.41 | 4.34 | 6.48 | 13.39 |
| 17 | 12.97 | 13.51 | 14.82 | 10.26 | 9.67 | 8.55 | 10.50 | 7.06 | 6.42 | 4.35 | 14.91 | 13.14 |
| 18 | 16.40 | 13.45 | 16.41 | 9.83 | 9.42 | 8.40 | 10.00 | 6.91 | 6.41 | 4.38 | 16.99 | 12.85 |
| 19 | 18.15 | 13.27 | 17.19 | 9.39 | 9.07 | 8.33 | 9.47 | 6.78 | 6.41 | 4.39 | 17.12 | 12.52 |
| 20 | 18.37 | 13.18 | 17.28 | 9.02 | 8.74 | 8.16 | 8.93 | 6.66 | 6.41 | 4.40 | 16.93 | 12.61 |
| 21 | 18.27 | 13.49 | 17.13 | 8.67 | 8.46 | 8.04 | 8.41 | 6.58 | 6.40 | 5.15 | 16.69 | 12.90 |
| 22 | 18.15 | 14.17 | 16.93 | 8.35 | 8.23 | 7.78 | 8.22 | 6.53 | 6.38 | 5.94 | 16.45 | 13.26 |
| 23 | 17.99 | 14.61 | 16.79 | 8.08 | 7.97 | 7.54 | 7.97 | 6.52 | 6.37 | 5.95 | 16.22 | 13.47 |
| 24 | 17.79 | 14.78 | 16.85 | 7.84 | 7.80 | 7.70 | 7.77 | 6.49 | 6.35 | 5.87 | 15.98 | 13.48 |
| 25 | 17.59 | 14.93 | 16.80 | 7.64 | 7.68 | 8.08 | 7.64 | 6.42 | 6.34 | 5.85 | 15.79 | 13.34 |
| 26 | 17.37 | 15.54 | 16.65 | 7.46 | 7.58 | 8.10 | 7.47 | 6.46 | 6.32 | 5.81 | 15.62 | 13.21 |
| 27 | 17.15 | 16.43 | 16.46 | 7.31 | 7.43 | 7.93 | 7.30 | 6.66 | 6.30 | 5.43 | 15.52 | 13.19 |
| 28 | 16.94 | 16.96 | 16.26 | 7.17 | 7.36 | 7.68 | 7.08 | 6.56 | 6.28 | 5.35 | 15.79 | 13.26 |
| 29 | 16.72 | ----- | 16.04 | 7.02 | 7.27 | 7.45 | 6.94 | 6.52 | 6.25 | 5.32 | 15.94 | 13.29 |
| 30 | 16.50 | ----- | 15.82 | 6.92 | 7.14 | 7.37 | 6.83 | 6.50 | 6.23 | 5.88 | 15.88 | 13.20 |
| 31 | 16.27 | ----- | 15.60 | ----- | 7.05 | ----- | 6.90 | 6.53 | ----- | 5.95 | ----- | 13.07 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|------|------|-------|------|------|------|-------|-------|
| MEAN | 15.50 | 14.55 | 16.19 | 11.04 | 8.11 | 7.36 | 8.85 | 6.88 | 6.41 | 5.54 | 10.20 | 13.87 |
| MAX | 18.37 | 16.96 | 17.28 | 15.38 | 9.95 | 8.55 | 12.70 | 7.79 | 6.51 | 6.21 | 17.12 | 15.70 |
| MIN | 12.60 | 13.18 | 14.52 | 6.92 | 6.54 | 6.35 | 6.83 | 6.42 | 6.23 | 4.34 | 4.67 | 12.52 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 10.36

HIGHEST STAGE WAS 18.39 AT 8:00 A. M. ON JAN 20.

LOWEST STAGE WAS 4.33 ON OCT 17.

DAILY STAGE FOR 1987

BAYOU COCODRIE AT ST. LANDRY, LA.

LOCATION. LAT. 30-50-40. LONG. 92-15-34. HIGHWAY 106 BRIDGE, 10.5 MILES NORTH OF VILLE PLATTE,
LA. (STA. 6172016.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1946. DAILY, AUG. 9, 1946, TO MAY 22, 1953, AND APR. 25,
1961, TO DATE.

EXTREMES. HIGHEST, 48.85 FEET ON MAY 20, 1953. LOWEST, (FROM INCOMPLETE RECORDS) 31.53 FEET
ON OCT. 19, 1987.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 1 | 38.80 | 39.43 | 41.27 | 38.75 | 34.45 | 34.35 | 34.67 | 34.26 | 34.26 | 33.80 | 33.55 | 39.32 |
| 2 | 38.65 | 39.30 | 41.05 | 38.67 | 34.35 | 34.23 | 34.22 | 34.31 | 34.13 | 33.60 | 33.62 | 38.98 |
| 3 | 38.53 | 39.19 | 40.63 | 38.63 | 34.23 | 34.30 | 34.63 | 34.29 | 34.14 | 33.38 | 33.66 | 39.08 |
| 4 | 39.25 | 39.07 | 40.21 | 38.55 | 34.15 | 34.15 | 34.63 | 34.15 | 34.07 | 33.60 | 33.31 | 39.20 |
| 5 | 38.95 | 38.97 | 39.85 | 38.75 | 34.45 | 33.87 | 34.55 | 34.07 | 33.86 | 33.67 | 33.02 | 38.93 |
| 6 | 38.73 | 39.05 | 39.65 | 38.58 | 34.63 | 33.85 | 34.44 | 34.03 | 33.83 | 34.16 | 32.98 | 38.75 |
| 7 | 38.45 | 38.89 | 39.47 | 38.15 | 34.63 | 33.85 | 35.28 | 34.34 | F | 34.17 | 32.59 | 39.25 |
| 8 | 38.35 | 38.73 | 39.73 | 38.05 | 34.80 | 33.85 | 36.89 | 34.30 | F | 33.83 | 33.84 | 39.02 |
| 9 | 38.31 | 38.57 | 39.65 | 37.90 | 34.85 | 33.90 | 37.29 | 34.32 | 33.61 | 33.80 | 32.88 | 38.78 |
| 10 | 38.23 | 38.43 | 39.45 | 37.63 | 36.33 | 33.95 | 37.60 | 33.95 | 33.53 | 33.78 | 32.87 | 38.68 |
| 11 | 38.13 | 38.30 | 39.27 | 37.84 | 36.55 | 33.93 | 37.54 | 34.55 | 33.63 | 33.78 | 32.80 | 38.47 |
| 12 | 37.97 | 37.93 | 39.13 | 37.53 | 36.15 | 33.85 | 37.35 | 35.03 | 34.09 | 33.72 | 32.79 | 38.48 |
| 13 | 37.85 | 37.95 | 38.97 | 37.35 | 37.33 | 34.10 | 37.10 | 35.07 | 34.09 | 33.53 | 32.55 | 38.65 |
| 14 | 37.73 | 37.85 | 38.45 | 37.25 | 37.05 | 35.09 | 36.71 | 34.93 | 33.97 | 33.37 | 32.25 | 38.42 |
| 15 | 37.57 | 37.87 | 38.53 | 36.95 | 36.15 | 34.75 | 36.40 | 34.77 | 33.84 | 32.39 | 32.69 | 38.17 |
| 16 | 37.67 | 38.57 | 38.50 | 36.45 | 36.05 | 34.75 | 35.95 | 34.62 | 33.78 | 31.98 | 32.90 | 38.02 |
| 17 | 37.83 | 38.55 | 38.73 | 36.23 | 36.00 | 35.63 | 36.34 | 34.47 | 33.93 | 31.65 | 35.24 | 38.10 |
| 18 | 43.25 | 38.27 | 42.39 | 36.05 | 36.03 | 35.87 | 36.30 | 34.42 | 33.95 | 31.63 | 38.04 | |
| 19 | 43.45 | 38.03 | 42.40 | 35.63 | 35.95 | 35.33 | 35.98 | 34.45 | 34.14 | 32.00 | 38.73 | |
| 20 | 43.23 | 37.93 | 42.17 | 35.33 | 35.87 | 35.00 | 35.56 | 34.25 | 34.00 | | 38.92 | |
| 21 | 43.00 | 39.20 | 41.90 | 35.30 | 35.19 | 35.13 | 35.31 | 33.71 | 34.05 | | 39.08 | F 38.65 |
| 22 | 42.93 | 40.13 | 41.17 | 35.19 | 35.00 | 35.03 | 35.35 | 33.70 | 33.93 | | 39.22 | 38.79 |
| 23 | 42.65 | 40.25 | 40.50 | 35.05 | 34.85 | 34.93 | 35.01 | 33.69 | 33.93 | | 39.20 | 38.75 |
| 24 | 42.17 | 39.83 | 40.85 | 34.80 | 34.85 | 34.94 | 34.95 | 33.70 | 33.87 | | 39.19 | 38.55 |
| 25 | 41.63 | 40.07 | 40.55 | 34.99 | 35.05 | 34.90 | 34.65 | 33.65 | 33.87 | | 39.21 | 38.30 |
| 26 | 41.05 | 40.95 | 40.17 | 35.20 | 34.85 | 34.94 | 34.15 | 33.63 | 33.83 | F | 39.24 | 38.08 |
| 27 | 40.57 | 41.47 | 39.73 | 34.40 | 34.27 | 34.96 | 33.98 | 33.70 | 33.84 | 33.47 | 39.19 | 38.22 |
| 28 | 40.27 | 41.43 | 39.47 | 34.35 | 35.05 | 35.30 | 34.23 | 33.74 | 33.88 | 33.86 | 39.79 | 38.20 |
| 29 | 40.00 | ----- | 39.35 | 34.37 | 34.50 | 34.66 | 34.13 | 33.59 | 33.90 | 33.58 | 39.55 | 37.95 |
| 30 | 39.77 | ----- | 39.05 | 34.55 | 34.50 | 34.84 | 34.17 | 33.62 | 33.80 | 33.42 | 39.29 | 37.89 |
| 31 | 39.57 | ----- | 38.83 | ----- | 34.37 | ----- | 34.44 | 34.02 | ----- | 33.59 | ----- | 38.08 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 39.82 | 39.08 | 40.03 | 36.62 | 35.24 | 34.61 | 35.48 | 34.17 | 33.92 | 33.34 | 35.70 | 38.56 |
| MAX | 43.45 | 41.47 | 42.40 | 38.75 | 37.33 | 35.87 | 37.60 | 35.07 | 34.26 | 34.17 | 39.79 | 39.32 |
| MIN | 37.57 | 37.85 | 38.45 | 34.35 | 34.15 | 33.85 | 33.98 | 33.59 | 33.53 | 31.63 | 32.25 | 37.89 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 25 | 30 | 28 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 355

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 36.41

HIGHEST STAGE WAS 43.55 AT 8:00 P.M. ON JAN 18.

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS 31.53 ON OCT 19.

DAILY STAGE FOR 1987

BAYOU COCODRIE NEAR WHITEVILLE, LA

LOCATION: LAT. 30-46-41, LONG. 92-11-26 HIGHWAY 29 BRIDGE, 2.7 MILES SOUTHWEST OF WHITEVILLE
(STA. 6176012A.)

GAGE: AUTOMATIC RECORDER AND STAFF

RECORDS AVAILABLE: INTERMITTENTLY, 1939 DAILY, JAN. 2, 1940, TO JUNE 30, 1942, AND MAR. 1,
1946, TO DATE.

EXTREMES: HIGHEST, 42.3 FEET ON MAY 20, 1953 LOWEST, CHANNEL DRY ON OCT. 19, 1987

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| 1 | 25.27 | 28.42 | 32.92 | 23.67 | 17.39 | 18.62 | 18.74 | 18.15 | 18.28 | 17.64 | 17.21 | 29.35 |
| 2 | 24.07 | 27.52 | 32.62 | 23.20 | 18.32 | 18.42 | 18.47 | 18.08 | 18.13 | 17.48 | 17.25 | 28.75 |
| 3 | 23.24 | 26.38 | 32.25 | 23.02 | 18.21 | 18.20 | 18.65 | 18.17 | 18.09 | 17.13 | 17.28 | 28.35 |
| 4 | 27.02 | 24.92 | 31.70 | 22.96 | 18.12 | 18.10 | 19.29 | 18.07 | 18.08 | 17.24 | 17.16 | 27.89 |
| 5 | 27.52 | 23.92 | 30.97 | 23.12 | 19.42 | 18.06 | 19.16 | 18.03 | 17.92 | 17.38 | 16.81 | 27.22 |
| 6 | 26.50 | 23.56 | 30.35 | 22.92 | 19.84 | 18.17 | 18.74 | 18.11 | 17.89 | 17.62 | 16.88 | 26.00 |
| 7 | 24.37 | 23.34 | 29.52 | 22.40 | 19.42 | 18.04 | 20.23 | 18.35 | 17.85 | 17.83 | 16.67 | 26.25 |
| 8 | 23.72 | 23.22 | 29.14 | 22.20 | 19.24 | 17.95 | 22.52 | 18.50 | 17.79 | 17.51 | 16.60 | 27.35 |
| 9 | 23.27 | 22.94 | 29.02 | 22.07 | 19.12 | 17.90 | 24.17 | 18.43 | 17.76 | 17.50 | 16.82 | 26.95 |
| 10 | 23.22 | 22.62 | 28.30 | 21.72 | 21.08 | 18.00 | 24.28 | 18.51 | 17.75 | 17.44 | 16.89 | 26.25 |
| 11 | 22.90 | 22.40 | 27.12 | | 21.80 | 17.97 | 23.12 | 19.38 | 18.00 | 17.42 | 16.80 | 25.40 |
| 12 | 22.52 | 21.90 | 25.82 | | 22.54 | 17.92 | 22.05 | 19.79 | 18.12 | 17.42 | 16.78 | 24.40 |
| 13 | 22.22 | 21.80 | 24.60 F | 21.34 | 24.10 | 18.13 | 21.20 | 19.73 | 16.13 | 17.29 | 16.75 | 23.85 |
| 14 | 22.02 | 21.74 | 23.52 | 21.22 | 24.20 | 20.02 | 20.66 | 19.77 | 18.10 | 17.27 | 16.28 | 23.18 |
| 15 | 21.84 | 21.80 | 23.30 | 21.02 | 24.27 | 19.99 | 20.51 | 19.28 | 17.90 | 16.75 | 16.48 | 22.50 |
| 16 | 22.17 | 27.40 | 23.12 | 20.34 | 23.11 | 19.20 | 20.12 | 18.73 | 17.92 | 16.34 | 16.75 | 22.30 |
| 17 | 23.70 | 27.52 | 23.22 | 20.17 | 22.04 | 19.44 | 19.96 | 18.36 | 17.98 | 16.22 | 25.30 | 22.21 |
| 18 | 32.27 | 26.30 | 32.42 | 19.90 | 21.92 | 20.22 | 20.09 | 18.26 | 18.00 | 16.05 | 27.09 | 21.85 |
| 19 | 34.02 | 24.47 | 32.92 | 19.52 | 21.16 | 19.64 | 19.81 | 18.37 | 18.10 | B | 28.00 | 21.42 |
| 20 | 34.42 | 23.04 | 32.92 | 19.30 | 20.50 | 19.30 | 19.41 | 18.24 | 17.94 | 16.61 | 28.40 | 23.95 |
| 21 | 34.32 | 28.12 | 32.62 | 19.27 | 19.84 | 19.06 | 19.10 | 18.14 | 17.92 | 16.63 | 28.72 | 25.49 |
| 22 | 34.42 | 30.97 | 31.97 | 19.20 | 19.48 | 19.22 | 19.16 | 17.92 | 17.92 | 16.47 | 29.00 | 27.50 |
| 23 | 34.22 | 31.27 | 31.00 | 19.04 | 19.44 | 18.92 | 18.98 | 17.92 | 17.90 | 17.03 | 29.05 | 27.08 |
| 24 | 33.82 | 30.37 | 31.70 | 18.80 | 19.82 | 18.80 | 20.00 | 17.93 | 17.87 | 17.07 | 29.07 | 26.07 |
| 25 | 32.97 | 31.12 | 31.30 | 18.86 | 19.87 | 19.52 | 19.51 | 17.94 | 17.92 | 17.05 | 29.09 | 25.02 |
| 26 | 32.32 | 32.27 | 30.44 | 19.20 | 19.42 | 18.80 | 18.68 | 17.90 | 17.90 | 17.32 | 29.11 | |
| 27 | 31.74 | 32.92 | 29.52 | 18.50 | 18.67 | 18.84 | 18.32 | 17.95 | 17.87 | 17.36 | 29.00 F | 25.08 |
| 28 | 31.02 | 33.02 | 28.52 | 18.33 | 21.32 | 19.02 | 18.23 | 17.99 | 17.90 | 17.50 | 29.70 | 25.43 |
| 29 | 30.47 | ----- | 27.47 | 18.24 | 19.54 | 18.70 | 18.09 | 17.91 | 17.87 | 17.36 | 29.78 | 25.38 |
| 30 | 29.87 | ----- | 26.14 | 18.52 | 19.14 | 18.64 | 18.06 | 17.97 | 17.84 | 17.16 | 29.50 | 24.74 |
| 31 | 29.22 | ----- | 24.62 | ----- | 18.82 | ----- | 18.24 | 18.18 | ----- | 17.37 | ----- | 24.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 27.76 | 26.26 | 29.07 | 20.64 | 20.36 | 18.76 | 19.92 | 18.39 | 17.95 | 17.15 | 22.34 | 25.38 |
| MAX | 34.42 | 33.02 | 32.92 | 23.67 | 24.27 | 20.22 | 24.28 | 19.79 | 18.28 | 17.83 | 29.78 | 29.35 |
| MIN | 21.84 | 21.74 | 23.12 | 18.24 | 17.39 | 17.90 | 18.06 | 17.90 | 17.75 | 16.05 | 16.28 | 21.42 |
| DAYS | 31 | 28 | 31 | 28 | 31 | 30 | 31 | 31 | 30 | 30 | 30 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 361

B=CHANNEL DRY F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 22.00

HIGHEST STAGE WAS 34.42 AT 8 00 A. M. ON JAN 20 AND LATER DATE(S)

LOWEST STAGE WAS NOT DETERMINED

DAILY STAGE FOR 1987

BAYOU BOEUF AT MEEKER, LA.

LOCATION. LAT. 31-02-25, LONG. 92-22-21. U. S. HIGHWAY 167 BRIDGE. (STA. 6180015.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. OCT. 22, 1954, TO DATE. FOR RECORDS FROM 1939 TO 1954, REFER TO GAGE AT LYLES, LA. (D-JJ).

EXTREMES. HIGHEST, 67.99 FEET ON DEC. 27, 1982. LOWEST, 58.28 FEET ON SEP. 29, 1956, AND OCT. 20, 1963.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1952 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 61.05 | 61.19 | 63.60 | 61.16 | 60.32 | 61.01 | 60.55 | 60.40 | 60.13 | 60.25 | 60.16 | 64.43 |
| 2 | 60.97 | 61.35 | | 61.11 | 60.32 | 60.98 | 60.71 | 60.48 | 60.09 | 60.22 | 60.10 | 64.05 |
| 3 | 60.92 | 61.26 | 63.02 | 61.11 | 60.35 | 60.92 | 61.12 | 60.47 | 60.05 | 60.19 | 60.07 | 63.62 |
| 4 | 61.48 | 61.13 | 62.67 | 61.11 | 60.36 | 60.95 | 61.35 | 60.34 | 60.02 | 60.14 | 60.05 | 63.10 |
| 5 | 61.70 | 61.03 | 62.34 | 61.10 | 60.78 | 60.97 | 61.32 | 60.18 | 59.98 | 60.13 | 60.06 | 62.51 |
| 6 | 61.62 | 60.96 | 62.07 | 61.10 | 60.96 | 60.94 | 61.21 | 60.01 | 59.94 | 60.09 | 60.05 | 62.04 |
| 7 | 61.41 | 60.94 | 61.81 | 61.06 | 61.04 | 60.90 | 61.14 | 60.11 | 59.89 | 60.07 | 60.05 | 62.00 |
| 8 | 61.25 | 60.95 | 61.73 | 61.05 | 61.03 | 60.82 | 61.87 | 60.12 | 59.88 | 60.06 | 60.05 | 62.12 |
| 9 | 61.18 | 60.94 | 61.86 | 61.03 | 61.02 | 60.92 | 62.10 | 60.09 | 59.93 | 60.05 | 60.16 | 62.09 |
| 10 | 61.16 | 60.90 | 61.83 | 61.01 | 61.10 | 60.62 | 62.00 | 60.14 | 59.99 | 59.99 | 60.41 | 61.95 |
| 11 | 61.09 | 60.84 | 61.68 | 60.98 | 61.47 | 60.55 | 61.75 | 60.41 | 60.04 | 59.86 | 60.78 | 61.78 |
| 12 | 61.04 | 60.83 | 61.50 | 60.97 | 61.79 | 60.50 | 61.49 | 60.56 | 60.19 | 59.79 | 60.89 | 61.59 |
| 13 | 60.98 | 60.82 | 61.37 | 60.96 | 61.94 | 60.61 | 61.31 | 61.06 | 60.20 | 59.82 | 60.87 | 61.43 |
| 14 | 60.97 | 60.80 | 61.28 | 60.97 | 62.52 | 61.34 | 61.14 | 61.25 | 60.21 | 59.87 | 60.81 | 61.28 |
| 15 | 60.99 | 60.91 | 61.22 | 60.96 | 62.29 | 61.33 | 61.03 | 61.16 | 60.18 | 59.91 | 60.77 | 61.18 |
| 16 | 61.04 | 61.56 | 61.17 | 60.95 | 61.93 | 61.18 | 60.91 | 61.05 | 60.16 | 59.93 | 62.86 | 61.07 |
| 17 | 61.06 | 61.83 | 61.14 | 60.93 | 61.73 | 61.06 | 60.81 | 60.91 | 60.20 | 59.95 | 66.50 | 60.99 |
| 18 | 64.24 | 61.75 | 63.97 | 60.89 | 61.64 | 61.01 | 60.74 | 60.78 | 60.28 | 59.98 | 66.90 | 60.92 |
| 19 | 64.49 | 61.52 | 63.74 | 60.84 | 61.48 | 60.92 | 60.67 | 60.69 | 60.46 | 60.00 | 66.93 | 60.90 |
| 20 | 64.06 | 61.30 | 63.29 | 60.81 | 61.34 | 60.89 | 60.58 | | 60.84 | 60.03 | 66.83 | 61.30 |
| 21 | 63.55 | 61.90 | 62.84 | 60.77 | 61.21 | 60.98 | 60.42 | 60.67 | 60.98 | 60.07 | 66.67 | 61.75 |
| 22 | 63.16 | 62.58 | 62.46 | 60.72 | 61.14 | 61.03 | 60.36 | 60.67 | 60.95 | 60.07 | 66.44 | 61.96 |
| 23 | 62.63 | 62.44 | 62.18 | 60.66 | 61.13 | 60.97 | 60.87 | 60.64 | 60.86 | 60.08 | 66.19 | 61.92 |
| 24 | 62.17 | 62.21 | 62.44 | 60.59 | 61.06 | 60.96 | 61.44 | 60.58 | 60.75 | 60.10 | 65.91 | 61.81 |
| 25 | 61.82 | 62.26 | 62.24 | 60.43 | 61.04 | 61.07 | 61.37 | 60.49 | 60.65 | 60.08 | 65.66 | 61.68 |
| 26 | 61.59 | 63.18 | 62.02 | 60.37 | 61.06 | 61.06 | 61.22 | 60.39 | 60.56 | 60.25 | 65.48 | 61.56 |
| 27 | 61.44 | 63.55 | 61.77 | 60.34 | 61.03 | 60.99 | 61.07 | 60.28 | 60.48 | 60.26 | 65.19 | 61.70 |
| 28 | 61.36 | 63.76 | 61.56 | 60.34 | 60.97 | 60.90 | 60.88 | 60.22 | 60.41 | 60.32 | 65.60 | 61.87 |
| 29 | 61.31 | ----- | 61.40 | 60.34 | 60.94 | 60.76 | 60.74 | 60.14 | 60.31 | 60.32 | 65.26 | 61.90 |
| 30 | 61.27 | ----- | 61.30 | 60.33 | 60.93 | 60.56 | 60.59 | 60.07 | 60.29 | 60.26 | 64.85 | 61.82 |
| 31 | 61.23 | ----- | 61.22 | ----- | 60.96 | ----- | 60.47 | 60.21 | ----- | 60.20 | ----- | 61.73 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 61.75 | 61.60 | 62.09 | 60.83 | 61.19 | 60.92 | 61.07 | 60.49 | 60.30 | 60.08 | 63.08 | 61.94 |
| MAX | 64.49 | 63.76 | 63.97 | 61.16 | 62.52 | 61.34 | 62.10 | 61.25 | 60.98 | 60.32 | 66.93 | 64.43 |
| MIN | 60.92 | 60.80 | 61.14 | 60.33 | 60.32 | 60.50 | 60.36 | 60.01 | 59.88 | 59.79 | 60.05 | 60.90 |
| DAYS | 31 | 28 | 30 | 30 | 31 | 30 | 31 | 30 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

THE MEAN STAGE FOR THE YEAR WAS 61.27

HIGHEST STAGE WAS 66.93 AT 1.00 A. M. ON NOV 10.

LOWEST STAGE WAS 59.79 ON OCT 11 AND LATER DATE(S)

DAILY STAGE FOR 1987

BAYOU TECHE AT PORT BARRE, LA.

LOCATION. LAT. 30-32-47, LONG. 91-58-03. ON U. S. HIGHWAY 190 BRIDGE (STA. 6405012A.)

GAGE. AUTOMATIC RECORDER AND STAFF

GENERAL INFORMATION. PRIOR TO JAN. 15, 1985 GAGE LOCATED 1.5 MILES UP STREAM.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1933, AND 1936 TO 1937. DAILY, OCT. 1937 TO DATE.
GAGE KNOWN AS RANGE 16 FROM 1932 TO 1933, AND BAYOU TECHE AT HEAD FROM 1936 TO 1939.

EXTREMES. HIGHEST, 28.27 FEET ON MAY 24, 1953. LOWEST, 10.30 FEET ON OCT. 18, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1976 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-------|-------|
| 1 | 18.32 | 19.07 | 20.88 | 17.69 | 17.29 | 17.02 | 17.36 | 16.79 | 17.41 | 16.65 | 16.02 | 17.35 |
| 2 | 17.87 | 18.87 | 20.57 | 17.47 | 17.29 | 16.95 | 17.46 | 16.69 | 17.33 | 15.79 | 16.00 | 17.25 |
| 3 | 17.47 | 18.37 | 20.22 | 17.27 | 17.32 | 17.07 | 17.45 | 17.09 | 17.23 | 15.19 | 15.80 | 17.11 |
| 4 | 18.07 | 17.77 | 19.92 | 17.62 | 17.32 | 17.12 | 17.47 | 17.18 | 17.32 | 15.16 | 15.79 | 16.94 |
| 5 | 18.32 | 17.27 | 19.67 | 17.62 | 17.47 | 17.17 | 17.48 | 17.25 | 17.38 | 15.28 | | 16.80 |
| 6 | 18.12 | 16.97 | 19.47 | 17.52 | 17.57 | 17.41 | 17.42 | 17.26 | 17.40 | 15.60 F | 15.55 | 16.55 |
| 7 | 17.72 | 16.77 | 19.32 | 17.27 | 17.67 | 17.42 | 17.38 | 17.25 | 17.23 | 15.71 | 15.41 | 16.35 |
| 8 | 17.22 | 16.57 | 19.17 | 17.57 | 17.55 | 17.31 | 17.43 | 17.19 F | 17.28 | 15.73 | 15.42 | 16.52 |
| 9 | 16.87 | 16.32 | 19.07 | 17.59 | 17.47 | 17.24 | 18.24 | 17.17 | 17.34 | 15.74 | 15.54 | 16.65 |
| 10 | 16.69 | 17.27 | 18.77 | 17.57 | 17.75 | 17.22 | 18.06 | 17.57 | 17.40 | 15.72 | 15.65 | 16.47 |
| 11 | 16.49 | 17.07 | 18.41 | 17.55 | 17.82 | 17.17 | 17.63 | 17.15 | 17.47 | 15.70 | 15.59 | 16.18 |
| 12 | 16.27 | 16.31 | 18.02 | 17.52 | 17.82 | 17.09 | 17.12 | 17.85 | 17.50 | 15.68 | 15.60 | 15.90 |
| 13 | 17.32 | 16.37 | 17.72 | 17.47 | 17.92 | 17.35 | 16.28 | 17.94 | 17.50 | 15.60 | 15.70 | 15.67 |
| 14 | 16.52 | 16.95 | 18.12 | 17.45 | 17.75 | 17.92 | 17.35 | 17.38 | 17.50 | 15.49 | 15.72 | 15.42 |
| 15 | 16.02 | 17.27 | 18.09 | 17.39 | 17.88 | 18.13 | 17.66 | 17.56 | 17.48 | 15.41 | 15.70 | 15.50 |
| 16 | 16.62 | 18.39 | 18.07 | 17.29 | 17.87 | 16.02 | 17.58 | 17.21 | 17.43 | 15.30 | 15.50 | 16.33 |
| 17 | 18.17 | 18.39 | 17.59 | 17.09 | 17.71 | 16.85 | 17.46 | 16.85 | 17.41 | 15.50 | 14.85 | 15.71 |
| 18 | 20.92 | 17.89 | 19.65 | 17.17 | 17.58 | 17.85 | 17.41 | 17.15 | 17.43 | 15.45 | 16.48 | 15.53 |
| 19 | 21.49 | 17.07 | 19.75 | 17.24 | 17.39 | 17.67 | 17.33 | 17.23 | 17.39 | 15.30 | 16.52 | 15.87 |
| 20 | 21.57 | 16.19 | 19.57 | 17.24 | 17.67 | 17.45 | 17.20 | 17.31 | 17.26 | 15.48 | 16.68 | 16.53 |
| 21 | 21.25 | 17.77 | 19.35 | 17.42 | 17.65 | 17.27 | 17.03 | 17.25 | 17.14 | 15.78 | 16.78 | 18.26 |
| 22 | 21.59 | 19.35 | 19.19 | 17.47 | 17.59 | 17.35 | 16.88 | 17.33 | 17.30 | 15.62 | 16.90 | 17.59 |
| 23 | 21.29 | 19.47 | 19.17 | 17.47 | 17.49 | 17.25 | 17.12 | 17.31 | 17.38 | | 17.05 | 17.30 |
| 24 | 21.05 | 19.17 | 20.51 | 17.47 | 18.06 | 17.01 | 17.27 | 17.27 | 17.40 | | 17.18 | 16.90 |
| 25 | 20.87 | 19.75 | 20.39 | 17.45 | 18.05 | 16.97 | 17.49 | 17.31 | 17.40 | | 17.30 | 16.42 |
| 26 | 20.59 | 20.47 | 20.07 | 17.47 | 17.82 | 17.22 | 17.48 | 17.27 | 17.40 F | 15.82 | 17.00 | 16.04 |
| 27 | 20.42 | 20.71 | 19.67 | 17.40 | 16.82 | 17.33 | 17.22 | 17.31 | 17.40 | 16.00 | 17.00 | 15.80 |
| 28 | 20.17 | 21.13 | 19.17 | 17.35 | 17.97 | 17.35 | 16.94 | 17.36 | 17.42 | 16.18 | 17.16 | 15.93 |
| 29 | 19.87 | ----- | 18.69 | 17.29 | 17.79 | 17.35 | 16.90 | 17.40 | 17.40 | 16.17 | 17.39 | 16.10 |
| 30 | 19.67 | ----- | 18.47 | 17.27 | 17.55 | 17.27 | 16.86 | 17.49 | 17.37 | 16.01 | 17.43 | 15.99 |
| 31 | 19.37 | ----- | 18.05 | ----- | 17.32 | ----- | 16.79 | 17.44 | ----- | 16.07 | ----- | 15.82 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18.85 | 18.03 | 19.19 | 17.42 | 17.62 | 17.26 | 17.31 | 17.29 | 17.38 | 15.68 | 16.23 | 16.41 |
| MAX | 21.59 | 21.13 | 20.88 | 17.69 | 18.06 | 18.13 | 18.24 | 17.94 | 17.50 | 16.65 | 17.43 | 18.26 |
| MIN | 16.02 | 16.19 | 17.59 | 17.09 | 16.82 | 16.02 | 16.28 | 16.79 | 17.14 | 15.16 | 14.85 | 15.42 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 28 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 361

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 17.41.

HIGHEST STAGE WAS 21.69 AT 10:00 P.M. ON JAN 21.

LOWEST STAGE WAS 14.60 ON NOV 16.

DAILY STAGE FOR 1987

BAYOU TECHE AT ARNAUDVILLE, LA.

LOCATION: LAT. 30-23-50, LONG. 91-55-50. STATE HIGHWAY 31 BRIDGE, 270 FEET UPSTREAM FROM BAYOU FUSILIER. (STA. 6410012C.)

GAGE: AUTOMATIC RECORDER (DIGITAL) AND WIRE WEIGHT.

GENERAL INFORMATION: GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY SINCE FEB. 1953.

RECORDS AVAILABLE: STAGE, INTERMITTENTLY, 1932 TO 1943. DAILY, NOV. 2, 1943, TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1943. DISCHARGE, 1946 TO 1956, OBSERVED BY CORPS OF ENGINEERS. COMPUTED DAILY, BY U. S. GEOLOGICAL SURVEY.

EXTREMES: HIGHEST, 24.27 FEET ON MAY 23, 1953. LOWEST, 6.78 FEET ON OCT. 28, 1956.

MEAN DAILY STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 14.43 | | | | 13.60 | | 13.83 | 13.36 | 13.73 | 13.30 | 12.51 | 13.64 |
| 2 | 14.11 | | | | 13.61 | | 13.79 | 13.35 | 13.64 | 12.79 | 12.48 | 13.58 |
| 3 | 14.18 | | | | 13.62 | | 13.75 | 13.45 | 13.58 | 12.27 | 12.39 | 13.50 |
| 4 | 14.74 | | | | 13.65 | | 13.74 | 13.55 | 13.60 | 12.10 | 12.33 | 13.40 |
| 5 | 14.54 | | | | 13.73 | | 13.75 | 13.61 | 13.64 | 12.15 | 12.32 | 13.27 |
| 6 | 14.32 | | | | 13.74 | | 13.73 | 13.67 | 13.66 | 12.30 | 12.30 | 13.11 |
| 7 | 14.05 | | | | 13.75 | | 13.80 | 13.71 | 13.59 | 12.44 | 12.28 | 13.05 |
| 8 | 13.73 | | | 13.77 | 13.75 | | 13.85 | 13.64 | 13.58 | 12.49 | 12.29 | 13.05 |
| 9 | | | | 13.81 | 13.75 | | 14.55 | 13.59 | 13.66 | 12.49 | 12.37 | 13.14 |
| 10 | | | | 13.80 | 13.75 | 13.52 | 14.40 | 14.04 | 13.67 | 12.48 | 12.42 | 13.08 |
| 11 | | | | 13.78 | 13.75 | 13.49 | 14.04 | 14.31 | 13.70 | 12.45 | 12.38 | 12.91 |
| 12 | | | | 13.77 | 13.76 | 13.50 | 14.75 | 14.75 | 13.74 | 12.42 | 12.39 | 12.72 |
| 13 | | | | 13.75 | 13.75 | 14.05 | 13.24 | 14.57 | 13.72 | 12.39 | 12.43 | 12.53 |
| 14 | | | | 13.73 | 13.76 | 15.35 | 13.65 | 14.07 | 13.72 | 12.36 | 12.48 | 12.40 |
| 15 | | | | 13.70 | 13.75 | 15.16 | 13.90 | 13.95 | 13.72 | 12.33 | 12.47 | 12.37 |
| 16 | | 15.36 | | 13.64 | 13.76 | 13.59 | 13.89 | 13.73 | 13.82 | 12.27 | 12.59 | 12.70 |
| 17 | 15.79 | 14.93 | | 13.54 | 13.78 | 13.41 | 13.81 | 13.46 | 13.79 | 12.31 | 12.28 | 12.63 |
| 18 | 18.10 | 14.37 | | 13.54 | 13.79 | 14.05 | 13.75 | 13.49 | 13.73 | 12.36 | 12.70 | 12.46 |
| 19 | 18.90 | 13.71 | | 13.59 | 13.81 | 13.96 | 13.70 | 13.57 | 13.73 | 12.27 | 12.97 | 12.62 |
| 20 | 18.62 | 13.10 | | 13.60 | 13.81 | 13.78 | 13.69 | 13.61 | 13.63 | 12.31 | 13.08 | 13.14 |
| 21 | 18.32 | | | 13.68 | 13.82 | 13.63 | 13.54 | 13.60 | 13.51 | 12.46 | 13.16 | 14.94 |
| 22 | 18.74 | | | 13.74 | 13.83 | 13.64 | 13.47 | 13.63 | 13.53 | 12.48 | 13.26 | 15.07 |
| 23 | 18.26 | | | 13.75 | 13.83 | 13.58 | 13.54 | 13.63 | 13.59 | 12.45 | 13.35 | 14.24 |
| 24 | 17.63 | | | 13.75 | | 13.44 | 13.62 | 13.61 | 13.62 | 12.39 | 13.44 | 13.64 |
| 25 | 17.27 | | | 13.72 | | 13.41 | 13.75 | 13.64 | 13.63 | 12.35 | 13.54 | 13.24 |
| 26 | 16.72 | | | 13.70 | | 13.51 | 13.82 | 13.66 | 13.63 | 12.46 | 13.45 | 12.91 |
| 27 | | | | 13.69 | | 13.61 | 13.70 | 13.67 | 13.63 | 12.53 | 13.45 | 12.69 |
| 28 | | | | 13.65 | | 13.64 | 13.46 | 13.71 | 13.64 | 12.58 | 13.58 | 12.70 |
| 29 | | ----- | | 13.63 | | 13.64 | 13.42 | 13.68 | 13.64 | 12.61 | 13.63 | 12.78 |
| 30 | | ----- | | 13.61 | | 13.70 | 13.39 | 13.91 | 13.60 | 12.56 | 13.69 | 12.75 |
| 31 | | ----- | | ----- | | ----- | 13.36 | 13.83 | ----- | 12.53 | ----- | 12.72 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 16.25 | 14.29 | | 13.69 | 13.75 | 13.79 | 13.73 | 13.75 | 13.66 | 12.44 | 12.80 | 13.13 |
| MAX | 18.90 | 15.36 | | 13.81 | 13.83 | 15.35 | 14.55 | 14.75 | 13.82 | 13.30 | 13.69 | 15.07 |
| MIN | 13.73 | 13.10 | | 13.54 | 13.60 | 13.41 | 13.24 | 13.35 | 13.51 | 12.10 | 12.28 | 12.37 |
| DAYS | 18 | 5 | 0 | 23 | 23 | 21 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 274
 THE MEAN STAGE FOR THE YEAR WAS 13.59.
 HIGHEST STAGE WAS 18.92 AT 9:00 A.M. ON JAN 19.
 LOWEST STAGE WAS 12.08 ON OCT 4.

DAILY STAGE FOR 1987

RUTH CANAL AT RUTH, LA. (EAST)

LOCATION. LAT. 30-14-33, LONG. 91-53-02. ABOUT 100 FEET UPSTREAM FROM CONTROL STRUCTURE, 0.4 MILE BELOW JUNCTION WITH BAYOU TECHE. (STA. 6415012C.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. INTERMITTENTLY, 1932 TO 1933 AND 1937 TO 1945. DAILY, MAY 1945 TO DATE. PRIOR TO JAN. 21, 1947 REFER TO GAGE LOCATED ON OLD STATE HIGHWAY 25 (PRESENTLY HIGHWAY 31) BRIDGE, 600 FEET UPSTREAM.

EXTREMES. HIGHEST, 18.4 FEET ON AUG 13 AND 15, 1940. LOWEST, 5.2 FEET ON OCT. 27, 1956.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1964 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 10.18 | 10.38 | 11.93 | 9.57 | 9.03 | 9.14 | 9.50 | 8.98 | 9.12 | 9.16 | 8.81 | 9.62 |
| 2 | 9.98 | 10.32 | 11.52 | 9.22 | 9.04 | 9.01 | 9.29 | 8.94 | 9.08 | 8.98 | 8.74 | 9.61 |
| 3 | 9.93 | 10.18 | 11.24 | 9.09 | 9.08 | 8.98 | 9.21 | 8.97 | 9.00 | 8.88 | 8.62 | 9.60 |
| 4 | 10.44 | 10.02 | 10.88 | 9.10 | 9.09 | 8.97 | 9.19 | 9.00 | 8.99 | 8.78 | 8.71 | 9.52 |
| 5 | 10.20 | 9.88 | 10.73 | 9.15 | 9.08 | 9.00 | 9.15 | 9.02 | 9.02 | 8.80 | 8.74 | 9.52 |
| 6 | 10.05 | 9.87 | 10.61 | 9.10 | 9.19 | 9.08 | 9.14 | 9.20 | 9.01 | 8.78 | 9.11 | 9.45 |
| 7 | 9.97 | 9.87 | 10.55 | 9.08 | 9.22 | 9.07 | 9.74 | 9.30 | 9.12 | 8.82 | 9.15 | 9.56 |
| 8 | 9.83 | 9.72 | 10.54 | 9.04 | 9.15 | 9.10 | 9.85 | 9.29 | 9.11 | 8.82 | 9.16 | 9.47 |
| 9 | 9.75 | 9.56 | 10.10 | 9.10 | 9.14 | 9.10 | 9.84 | 9.20 | 9.12 | 8.90 | 9.20 | 9.45 |
| 10 | 9.65 | 9.66 | 10.18 | 9.07 | 9.16 | 9.07 | 9.72 | 9.84 | 9.11 | 8.83 | 9.16 | 9.41 |
| 11 | 9.58 | 9.74 | 10.18 | 9.12 | 9.17 | 9.12 | 9.57 | 9.82 | 9.04 | 8.80 | 9.13 | 9.40 |
| 12 | 9.50 | 9.60 | 10.03 | 9.19 | 9.14 | 9.43 | 9.38 | 9.76 | 8.71 | 8.75 | 9.16 | 9.32 |
| 13 | 9.55 | 9.58 | 9.95 | 9.23 | 9.53 | 11.34 | 9.15 | 9.63 | 8.94 | 8.76 | 9.20 | 9.24 |
| 14 | 9.60 | 9.60 | 9.96 | 9.23 | 9.18 | 10.97 | 9.54 | 9.59 | 8.98 | 8.76 | 9.27 | 9.32 |
| 15 | 9.48 | 10.50 | 9.99 | 9.12 | 9.23 | 10.34 | 9.40 | 9.38 | 8.95 | 8.77 | 9.35 | 9.24 |
| 16 | 10.40 | 10.62 | 9.99 | 9.04 | 9.38 | 9.61 | 9.29 | 9.21 | 9.26 | 8.77 | 9.41 | 9.23 |
| 17 | 10.44 | 10.47 | 9.98 | 9.08 | 9.27 | 9.95 | 9.34 | 9.14 | 9.15 | 8.77 | 9.58 | 9.30 |
| 18 | 11.58 | 10.15 | 11.12 | 9.03 | 9.23 | 9.78 | 9.22 | 9.09 | 9.01 | 8.77 | 9.25 | 9.30 |
| 19 | 12.13 | 9.95 | 11.01 | 9.04 | 9.16 | 9.57 | 9.23 | 9.02 | 8.98 | 8.76 | 9.35 | 9.34 |
| 20 | 12.09 | 9.74 | 10.77 | 9.00 | 9.13 | 9.45 | 9.22 | 9.05 | 8.94 | 8.64 | 9.30 | 9.35 |
| 21 | 12.20 | 9.91 | 10.60 | 9.01 | 9.13 | 9.39 | 9.21 | 9.04 | 8.93 | 8.68 | 9.41 | 10.53 |
| 22 | 12.36 | 11.09 | 10.47 | 9.03 | 9.15 | 9.40 | 9.20 | 9.12 | 8.86 | 8.72 | 9.48 | 10.47 |
| 23 | 12.08 | 11.04 | 10.37 | 9.03 | 9.15 | 9.23 | 9.16 | 9.15 | 8.84 | 8.75 | 9.55 | 9.43 |
| 24 | 11.75 | 10.90 | 11.23 | 9.01 | 9.56 | 9.17 | 9.17 | 9.08 | 8.88 | 8.74 | 9.57 | 9.58 |
| 25 | 11.68 | 11.08 | 11.18 | 9.00 | 9.65 | 9.18 | 9.15 | 9.18 | 8.90 | 8.67 | 9.61 | 9.77 |
| 26 | 11.34 | 11.70 | 10.88 | 9.00 | 9.58 | 9.13 | 9.21 | 9.21 | 8.90 | 8.61 | 9.59 | 9.61 |
| 27 | 11.12 | 11.80 | 10.63 | 9.02 | 9.21 | 9.08 | 9.23 | 9.18 | 8.94 | 8.75 | 9.46 | 9.52 |
| 28 | 10.82 | 12.37 | 10.54 | 9.00 | 9.37 | 9.09 | 8.94 | 9.18 | 8.95 | 8.70 | 9.56 | 9.61 |
| 29 | 10.69 | ----- | 10.38 | 9.02 | 9.40 | 9.11 | 8.92 | 9.47 | 8.95 | 8.78 | 9.61 | 9.45 |
| 30 | 10.55 | ----- | 10.20 | 9.00 | 9.39 | 9.49 | 8.93 | 9.32 | 9.09 | 8.79 | 9.69 | 9.63 |
| 31 | 10.39 | ----- | 10.17 | ----- | 9.20 | ----- | 8.97 | 9.30 | ----- | 8.79 | ----- | 9.83 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|-------|------|------|------|------|------|-------|
| MEAN | 10.62 | 10.33 | 10.58 | 9.09 | 9.24 | 9.41 | 9.29 | 9.25 | 9.00 | 8.78 | 9.26 | 9.54 |
| MAX | 12.36 | 12.37 | 11.93 | 9.57 | 9.65 | 11.34 | 9.85 | 9.84 | 9.26 | 9.16 | 9.69 | 10.53 |
| MIN | 9.48 | 9.56 | 9.95 | 9.00 | 9.03 | 8.97 | 8.92 | 8.94 | 8.71 | 8.61 | 8.62 | 9.23 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
 THE MEAN STAGE FOR THE YEAR WAS 9.53.
 HIGHEST STAGE WAS 12.37 AT 8:00 A. M. ON FEB 28
 LOWEST STAGE WAS 8.61 ON OCT 26.

DAILY GATE-OPENINGS FOR 1987

RUTH CANAL CONTROL STRUCTURE

PHYSICAL DATA. CONTROL STRUCTURE CONSISTS OF THREE GATES, EACH EIGHT FEET WIDE. ALL GATES ARE OPENED THE SAME AMOUNT.

REMARKS. STRUCTURE IS OPERATED AND MAINTAINED BY THE TECHE-VERMILION FRESHWATER DISTRICT, LAFAYETTE, LA.

DAILY EIGHT A.M. GATE OPENINGS IN INCHES

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 2 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 3 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 4 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 5 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 6 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 7 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 8 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 4 |
| 9 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 10 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 11 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 18 | 8 | 4 | 4 |
| 12 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 18 | 8 | 4 | 4 |
| 13 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 18 | 8 | 4 | 4 |
| 14 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 18 | 8 | 4 | 4 |
| 15 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 16 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 17 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 18 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 19 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 20 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 21 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 22 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 23 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 24 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 25 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 26 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 27 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 28 | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 29 | 4 | ----- | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 30 | 4 | ----- | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 4 | 4 |
| 31 | 4 | ----- | 4 | ----- | 12 | ----- | 12 | 12 | ----- | 8 | ----- | 4 |

DAILY STAGE FOR 1987

BAYOU TECHE AT KEYSTONE LOCK (LA.) (UPPER)

LOCATION. LAT. 30-04-15, LONG. 91-49-44. UPSTREAM SIDE OF LOCK AND DAM, ON WEST FENDER, AND 3.8 MILES SOUTH OF ST. MARTINVILLE, LA. (STA. 6420012D.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE, JULY 1, 1913, TO DATE. DISCHARGE, COMPUTED DAILY, IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 24.30 FEET ON MAY 27, 1927. LOWEST, 0.75 FOOT ON JULY 18, 1918.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 10.50 | 10.59 | 11.10 | 10.42 | 10.09 | 10.17 | 10.30 | 10.10 | 10.20 | 10.17 | 9.99 | 10.32 |
| 2 | 10.44 | 10.57 | 11.00 | 10.18 | 10.13 | 10.13 | 10.28 | 10.07 | 10.16 | 10.11 | 9.98 | 10.31 |
| 3 | 10.40 | 10.52 | 10.90 | 10.12 | 10.11 | 10.10 | 10.21 | 10.07 | 10.14 | 10.02 | 9.98 | 10.30 |
| 4 | 10.65 | 10.42 | 10.79 | 10.10 | 10.16 | 10.11 | 10.19 | 10.10 | 10.14 | 9.93 | 9.96 | 10.29 |
| 5 | 10.55 | 10.43 | 10.71 | 10.12 | 10.16 | 10.12 | 10.17 | 10.12 | 10.15 | 9.93 | 9.95 | 10.27 |
| 6 | 10.50 | 10.36 | 10.65 | 10.12 | 10.20 | 10.13 | 10.15 | 10.13 | 10.16 | 9.95 | 10.05 | 10.25 |
| 7 | 10.46 | 10.40 | 10.64 | 10.10 | 10.22 | 10.15 | 10.37 | 10.24 | 10.16 | 9.97 | 10.08 | 10.29 |
| 8 | 10.41 | 10.33 | 10.62 | 10.09 | 10.21 | 10.15 | 10.35 | 10.23 | 10.14 | 9.98 | 10.10 | 10.25 |
| 9 | 10.35 | 10.29 | 10.60 | 10.10 | 10.21 | 10.15 | 10.42 | 10.18 | 10.14 | 9.98 | 10.13 | 10.25 |
| 10 | 10.32 | 10.27 | 10.51 | 10.10 | 10.19 | 10.17 | 10.41 | 10.46 | 10.16 | 9.99 | 10.14 | 10.24 |
| 11 | 10.28 | 10.33 | 10.51 | 10.12 | 10.19 | 10.14 | 10.36 | 10.40 | 10.16 | 9.98 | 10.10 | 10.24 |
| 12 | 10.25 | 10.31 | 10.41 | 10.12 | 10.19 | 10.15 | 10.30 | 10.42 | 10.11 | 9.98 | 10.10 | 10.21 |
| 13 | 10.26 | 10.27 | 10.41 | 10.14 | 10.19 | 10.21 | 10.20 | 10.41 | 10.08 | 9.96 | 10.11 | 10.17 |
| 14 | 10.31 | 10.27 | 10.40 | 10.17 | 10.25 | 11.24 | 10.35 | 10.35 | 10.12 | 9.94 | 10.12 | 10.14 |
| 15 | 10.28 | 10.31 | 10.42 | 10.15 | 10.20 | 10.68 | 10.27 | 10.27 | 10.12 | 9.95 | 10.14 | 10.16 |
| 16 | 10.40 | 10.71 | 10.43 | 10.11 | 10.25 | 10.50 | 10.25 | 10.27 | 10.13 | 9.95 | 10.09 | 10.14 |
| 17 | 10.61 | 10.65 | 10.37 | 10.10 | 10.24 | 10.24 | 10.27 | 10.17 | 10.21 | 9.94 | 10.26 | 10.18 |
| 18 | 10.95 | 10.55 | 10.88 | 10.08 | 10.21 | 10.47 | 10.27 | 10.12 | 10.15 | 9.95 | 10.11 | 10.17 |
| 19 | 11.14 | 10.46 | 10.81 | 10.09 | 10.17 | 10.34 | 10.20 | 10.13 | 10.17 | 9.94 | 10.19 | 10.18 |
| 20 | 11.15 | 10.35 | 10.75 | 10.09 | 10.17 | 10.27 | 10.20 | 10.17 | 10.16 | 9.94 | 10.20 | 10.27 |
| 21 | 11.12 | 10.38 | 10.66 | 10.09 | 10.17 | 10.24 | 10.20 | 10.15 | 10.09 | 9.95 | 10.22 | 10.36 |
| 22 | 11.36 | 10.86 | 10.61 | 10.12 | 10.16 | 10.30 | 10.19 | 10.15 | 10.06 | 9.94 | 10.23 | 10.70 |
| 23 | 11.16 | 10.85 | 10.57 | 10.11 | 10.20 | 10.20 | 10.17 | 10.14 | 10.07 | 9.97 | 10.25 | 10.58 |
| 24 | 11.06 | 10.82 | 10.82 | 10.09 | 10.27 | 10.15 | 10.17 | 10.13 | 10.08 | 9.97 | 10.26 | 10.45 |
| 25 | 11.05 | 10.86 | 10.82 | 10.10 | 10.36 | 10.25 | 10.18 | 10.14 | 10.09 | 9.96 | 10.27 | 10.36 |
| 26 | 10.93 | 11.05 | 10.80 | 10.10 | 10.37 | 10.13 | 10.28 | 10.15 | 10.09 | 9.95 | 10.30 | 10.32 |
| 27 | 10.84 | 11.09 | 10.71 | 10.10 | 10.26 | 10.13 | 10.23 | 10.15 | 10.12 | 10.04 | 10.25 | 10.27 |
| 28 | 10.74 | 11.43 | 10.63 | 10.14 | 10.17 | 10.14 | 10.14 | 10.15 | 10.14 | 9.98 | 10.32 | 10.21 |
| 29 | 10.70 | ----- | 10.57 | 10.09 | 10.29 | 10.15 | 10.10 | 10.42 | 10.12 | 9.99 | 10.30 | 10.21 |
| 30 | 10.66 | ----- | 10.50 | 10.10 | 10.29 | 10.15 | 10.10 | 10.32 | 10.12 | 10.00 | 10.32 | 10.22 |
| 31 | 10.62 | ----- | 10.47 | ----- | 10.23 | ----- | 10.10 | 10.30 | ----- | 9.99 | ----- | 10.23 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 10.66 | 10.56 | 10.65 | 10.12 | 10.21 | 10.25 | 10.24 | 10.21 | 10.13 | 9.98 | 10.15 | 10.28 |
| MAX | 11.36 | 11.43 | 11.10 | 10.42 | 10.37 | 11.24 | 10.42 | 10.46 | 10.21 | 10.17 | 10.32 | 10.70 |
| MIN | 10.25 | 10.27 | 10.37 | 10.08 | 10.09 | 10.10 | 10.10 | 10.07 | 10.06 | 9.93 | 9.95 | 10.14 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 10.29

HIGHEST STAGE WAS 11.43 ON FEB 28.

LOWEST STAGE WAS 9.93 ON OCT 4 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU TECHE AT KEYSTONE LOCK (LA.) (LOWER)

LOCATION. LAT. 30-04-13, LONG. 91-49-42. DOWNSTREAM SIDE OF LOCK AND DAM, ON WEST FENDER, AND
3.8 MILES SOUTH OF ST. MARTINVILLE, LA. (STA. 6425012D.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE. JULY 1, 1913 TO DATE.

EXTREMES. HIGHEST, 24.30 FEET (GATES OPEN) ON MAY 27, 1927. LOWEST, MINUS 0.7 FOOT ON SEPT. 22,
1913.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.05 | 4.55 | 7.90 | 4.05 | 2.61 | 3.56 | 3.85 | 2.95 | 3.03 | 2.68 | 2.44 | 3.53 |
| 2 | 4.72 | 4.37 | 7.20 | 3.60 | 2.75 | 3.37 | 4.76 | 2.88 | 2.74 | 2.65 | 2.44 | 3.43 |
| 3 | 4.47 | 4.10 | 6.65 | 3.33 | 3.24 | 3.19 | 4.04 | 2.75 | 2.57 | 2.56 | 2.42 | 3.41 |
| 4 | 6.35 | 3.82 | 6.08 | 2.84 | 3.34 | 3.06 | 3.73 | 2.79 | 2.51 | 1.83 | 2.50 | 3.45 |
| 5 | 5.75 | 3.70 | 5.77 | 2.85 | 3.37 | 3.08 | 3.54 | 2.88 | 2.89 | 1.94 | 2.70 | 3.27 |
| 6 | 5.25 | 3.45 | 5.59 | 2.87 | 3.42 | 2.88 | 3.45 | 2.99 | 3.11 | 2.36 | 2.65 | 3.37 |
| 7 | 4.75 | 3.42 | 5.47 | 2.83 | 3.13 | 2.95 | 4.85 | 4.68 | 3.18 | 2.34 | 2.55 | 3.70 |
| 8 | 4.26 | 3.02 | 5.47 | 2.73 | 3.05 | 3.18 | 4.25 | 4.04 | 3.08 | 2.24 | 2.82 | 3.76 |
| 9 | 4.09 | 2.85 | 5.40 | 2.73 | 3.00 | 3.35 | 5.21 | 3.73 | 3.00 | 2.23 | 3.25 | 3.70 |
| 10 | 4.04 | 3.09 | 4.47 | 2.67 | 3.08 | 3.60 | 5.00 | 5.40 | 3.18 | 2.33 | 3.36 | 3.62 |
| 11 | 3.72 | 3.38 | 4.45 | 2.60 | 3.09 | 3.33 | 4.63 | 6.63 | 3.23 | 2.26 | 2.95 | 3.47 |
| 12 | 3.32 | 3.48 | 4.40 | 2.90 | 3.13 | 3.47 | 4.27 | 5.20 | 3.44 | 2.13 | 2.35 | 3.36 |
| 13 | 3.25 | 3.37 | 4.11 | 3.20 | 3.19 | 4.65 | 3.87 | 4.40 | 5.48 | 1.64 | 2.31 | 3.25 |
| 14 | 3.50 | 3.30 | 4.00 | 3.73 | 3.57 | 8.18 | 3.78 | 3.90 | 4.15 | 1.65 | 2.40 | 3.36 |
| 15 | 3.95 | 3.53 | 4.10 | 3.42 | 3.48 | 6.54 | 3.70 | 3.93 | 2.78 | 2.13 | 2.71 | 3.82 |
| 16 | 4.35 | 6.17 | 4.20 | 3.15 | 3.34 | 5.82 | 3.45 | 3.70 | 2.75 | 2.35 | 3.31 | 3.21 |
| 17 | 6.33 | 5.18 | 4.25 | 2.85 | 3.19 | 5.20 | 3.37 | 3.35 | 3.10 | 2.41 | 4.93 | 2.93 |
| 18 | 6.95 | 4.45 | 7.46 | 2.86 | 3.40 | 6.76 | 3.83 | 3.07 | 3.06 | 2.26 | 3.87 | 2.77 |
| 19 | 7.05 | 3.66 | 6.10 | 2.83 | 3.34 | 5.53 | 3.40 | 2.95 | 3.76 | 2.13 | 3.30 | 2.82 |
| 20 | 6.95 | 3.18 | 5.62 | 2.84 | 3.25 | 4.81 | 3.25 | 2.87 | 3.22 | 1.64 | 2.97 | 3.30 |
| 21 | 6.80 | 3.40 | 5.59 | 2.83 | 3.23 | 4.45 | 3.33 | 2.79 | 3.02 | 1.65 | 2.86 | 3.55 |
| 22 | 8.90 | 6.60 | 4.86 | 2.77 | 3.18 | 4.92 | 3.56 | 2.79 | 3.03 | 2.13 | 3.17 | 6.30 |
| 23 | 7.78 | 5.91 | 4.72 | 2.60 | 3.05 | 4.10 | 3.59 | 2.71 | 2.86 | 2.35 | 3.35 | 4.80 |
| 24 | 7.16 | 5.87 | 5.44 | 2.64 | 3.17 | 3.66 | 3.55 | 2.81 | 2.77 | 2.41 | 3.50 | 4.54 |
| 25 | 7.48 | 6.90 | 5.67 | 2.57 | 3.58 | 3.50 | 3.51 | 2.86 | 2.85 | 2.75 | 3.68 | 4.36 |
| 26 | 6.74 | 8.10 | 5.42 | 2.50 | 3.91 | 3.71 | 4.19 | 3.05 | 2.90 | 2.70 | 3.86 | 4.13 |
| 27 | 6.18 | 7.93 | 5.15 | 2.47 | 3.86 | 3.38 | 3.79 | 3.11 | 3.12 | 3.05 | 3.63 | 3.87 |
| 28 | 5.70 | 8.25 | 4.80 | 2.55 | 3.77 | 3.12 | 3.40 | 3.09 | 3.19 | 2.58 | 4.29 | 3.51 |
| 29 | 5.70 | ----- | 4.50 | 2.52 | 4.00 | 3.28 | 3.11 | 5.96 | 3.18 | 2.30 | 3.68 | 3.08 |
| 30 | 5.75 | ----- | 4.43 | 2.51 | 3.76 | 3.52 | 2.91 | 3.75 | 2.98 | 2.45 | 3.56 | 2.84 |
| 31 | 5.45 | ----- | 3.87 | ----- | 3.55 | ----- | 2.95 | 3.60 | ----- | 2.53 | ----- | 3.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 5.54 | 4.61 | 5.26 | 2.89 | 3.32 | 4.14 | 3.81 | 3.60 | 3.14 | 2.28 | 3.13 | 3.60 |
| MAX | 8.90 | 8.25 | 7.90 | 4.05 | 4.00 | 8.18 | 5.21 | 6.63 | 5.48 | 3.05 | 4.93 | 6.30 |
| MIN | 3.25 | 2.85 | 3.87 | 2.47 | 2.61 | 2.88 | 2.91 | 2.71 | 2.51 | 1.64 | 2.31 | 2.77 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 3.77

HIGHEST STAGE WAS 8.90 ON JAN 22.

LOWEST STAGE WAS 1.64 ON OCT 13 AND LATER DATE(S).

DAILY STAGE FOR 1987

CHARENTON DRAINAGE CANAL NEAR FLOODGATE (LA.)

LOCATION LAT. 29-53-30, LONG. 91-31-32 STATE HIGHWAY 87 BRIDGE AT JUNCTION WITH BAYOU TECHE.
(STA. 6440013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1943, TO NOV. 1945, AND APR. 1946, TO DATE. PRIOR TO NOV. 1970 GAGE WAS
LOCATED ABOUT 200 FEET NORTH OF PRESENT LOCATION.

EXTREMES. HIGHEST, 7.3 FEET ON JUNE 8, 1953. LOWEST, MINUS 1.37 FEET ON JAN. 13, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|------|------|--------|------|------|------|------|------|------|------|-------------|
| 1 | | | | 1.08 | 0.76 | 1.41 | 1.33 | | 1.22 | 0.42 | 0.90 | 0.69 |
| 2 | | | | 1.28 | 1.00 | 1.34 | 1.44 | 0.83 | 1.16 | 0.94 | 0.83 | 0.53 |
| 3 | | | | 0.93 | 1.26 | 1.21 | 1.50 | 0.84 | 1.09 | 0.56 | 0.89 | 0.77 |
| 4 | | F | 2.06 | 0.56 | 1.36 | 1.01 | 1.36 | 0.95 | 1.09 | 0.22 | 1.01 | 0.85 |
| 5 | | | 1.82 | 0.56 | 1.21 | 0.78 | 1.41 | 0.98 | 1.26 | 0.61 | 1.10 | 0.65 |
| 6 | | | 1.70 | 0.69 | 1.10 | 0.76 | 1.56 | 1.03 | 1.36 | 0.79 | 0.63 | 1.07 |
| 7 | | | 1.56 | 0.66 | 0.77 | 1.10 | 1.71 | 1.01 | 1.26 | 0.36 | 0.98 | 1.54 |
| 8 | | | 1.68 | 0.66 F | 0.76 | 1.43 | 1.73 | 1.14 | 1.12 | 0.40 | 1.26 | 1.45 |
| 9 | | | 1.44 | 0.63 | 0.73 | 1.77 | 1.79 | 1.21 | 0.96 | 0.91 | 1.53 | 1.45 |
| 10 | | | 1.30 | 0.66 | 0.92 | 1.86 | 1.79 | 1.96 | 1.03 | 0.89 | 1.46 | 1.34 |
| 11 | | F | 0.65 | 0.98 | 0.86 | 1.13 | 1.82 | 1.88 | 1.38 | 0.98 | 0.32 | |
| 12 | | | 0.80 | 0.83 | 1.19 | 1.21 | 2.08 | 1.78 | 1.16 | 0.41 | 0.35 | |
| 13 | | | 0.76 | 0.74 | 1.54 | 1.33 | 2.03 | 1.53 | 1.21 | 0.08 | 0.53 | |
| 14 | F | 1.59 | 0.86 | 1.10 | 1.69 | 1.39 | 2.48 | 1.20 | 1.34 | 1.23 | 0.59 | 0.70 |
| 15 | | F | 1.16 | 1.41 | 1.52 | 1.19 | 2.46 | 0.90 | 1.09 | 1.24 | 0.82 | 1.00 F 1.48 |
| 16 | | | 1.59 | 1.11 | 0.86 | 2.49 | 0.89 | 1.13 | 1.41 | 0.93 | 1.37 | |
| 17 | | | 1.57 | 0.89 | 0.89 | 2.32 | 1.00 | 1.08 | 1.59 | 0.95 | 2.05 | |
| 18 | | F | 0.95 | 2.42 | 0.91 | 1.08 | 2.74 | 1.19 | 0.98 | 1.46 | 0.73 | 1.50 |
| 19 | | | 0.68 | 2.42 | 0.81 | 0.99 | 2.49 | 1.11 | 0.90 | 1.60 | 0.80 | 1.40 |
| 20 | | | 0.54 | 2.21 | 0.76 | 1.04 | 2.30 | 1.29 | 0.76 | 1.16 | 0.98 | 0.88 |
| 21 | | | 0.71 | 2.18 | 0.75 | 1.10 | 2.18 | 1.38 | 0.75 | 1.08 | 0.35 | 0.56 |
| 22 | | | | 2.02 | 0.66 | 1.08 | 2.04 | 1.39 | 0.74 | 1.06 | 0.50 | 0.96 F 1.32 |
| 23 | | | | 2.11 | 0.42 | 1.00 | 1.90 | 1.48 | 0.66 | 0.59 | 0.84 | 1.30 |
| 24 | | | | 2.40 | 0.51 | 1.16 | 1.70 | 1.53 | 0.82 | 0.89 | 1.03 | 1.37 |
| 25 | | F | 1.40 | 2.35 | 0.18 | 1.40 | 1.70 | 1.45 | 0.96 | 1.04 | 1.08 | 1.58 |
| 26 | | | | 2.35 | 0.26 | 1.60 | 1.23 | 1.43 | 1.12 | 1.15 | 1.24 | 1.60 |
| 27 | | | | 2.38 | 0.59 | 1.79 | 0.81 | 1.29 | 1.14 | 1.31 | 1.19 | 1.26 |
| 28 | F | 1.86 | | 2.26 | 0.73 | 1.89 | 0.94 | 1.23 | 1.08 | 1.44 | 0.76 | 0.87 |
| 29 | F | 1.93 | | 2.26 | 0.43 | 1.85 | 1.18 | | 0.92 | 1.38 | 0.91 | 0.55 |
| 30 | | | | 2.08 | 0.74 | 1.78 | 1.36 | | 1.08 | 0.85 | 1.03 | 0.85 |
| 31 | | | | 1.32 | | 1.69 | | | 1.23 | | 0.95 | F 0.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 1.79 | 0.85 | 1.81 | 0.81 | 1.20 | 1.70 | 1.41 | 1.10 | 1.19 | 0.75 | 1.05 | 1.06 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MAX | 1.93 | 1.40 | 2.42 | 1.69 | 1.89 | 2.74 | 1.79 | 1.96 | 1.60 | 1.24 | 2.05 | 1.54 |
| MIN | 1.59 | 0.54 | 0.74 | 0.18 | 0.73 | 0.76 | 0.89 | 0.66 | 0.59 | 0.08 | 0.32 | 0.53 |
| DAYS | 3 | 10 | 28 | 30 | 31 | 30 | 28 | 30 | 30 | 31 | 30 | 13 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 294

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.20

HIGHEST STAGE (FROM INCOMPLETE RECORD) WAS 2.86 AT 9:00 A.M. ON JUN 18.

LOWEST STAGE WAS MINUS 0.10 ON OCT 13

DAILY STAGE FOR 1987

CHARENTON DRAINAGE CANAL AT BALDWIN, LA.

LOCATION. LAT. 29-49-23, LONG. 91-32-30. ABOUT 35 FEET SOUTHWEST OF SOUTHERN PACIFIC RAILROAD
BRIDGE. (STA. 6445013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. AUG. 15, 1941, TO DATE.

EXTREMES. HIGHEST, 3.36 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 1.51 FEET ON
JAN. 17, 1948.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|-------|------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | | 1.55 | 1.84 | 1.15 | 0.95 | 1.35 | 1.43 | | 1.23 | 0.48 | 0.82 | 0.26 |
| 2 | 0.65 | 1.27 | 1.57 | 1.25 | 1.28 | 1.30 | 1.45 | | 1.21 | 1.24 | 0.64 | 0.14 |
| 3 | 1.65 | 0.95 | 1.60 | 0.23 | 1.50 | 1.05 | | | 1.27 | 0.16 | 0.65 | 0.46 |
| 4 | 0.92 | 1.00 | 1.10 | 0.50 | 1.52 | 0.80 | | | 1.37 | 0.45 | 0.80 | 0.43 |
| 5 | 0.97 | 0.45 | 1.04 | 0.25 | 0.82 | 0.42 | | | 1.66 | 0.65 | 0.77 | 0.24 |
| 6 | 1.18 | 0.60 | 1.14 | 0.33 | 0.83 | 0.67 | | | 1.63 | 0.69 | 0.15 | 1.01 |
| 7 | 0.68 | 0.15 | 0.88 | 0.27 | 0.46 | 1.27 | | | 1.28 | -0.07 | 0.90 | 1.55 |
| 8 | 0.43 | 0.04 | 1.20 | 0.30 | 0.48 | 1.72 | | | 1.08 | 0.14 | 1.32 | 1.25 |
| 9 | 0.75 | -0.24 | 0.87 | 0.27 | 0.63 | 2.13 | | | 0.92 | 0.70 | 1.70 | 1.20 |
| 10 | 0.55 | 0.26 | 0.67 | 0.45 | 0.88 | 2.15 | | | 1.14 | 0.70 | 0.97 | 1.04 |
| 11 | -0.07 | 0.49 | 0.34 | 0.78 | 1.17 | 2.12 | | | 1.64 | 0.85 | -0.15 | 0.99 |
| 12 | 0.02 | 0.58 | 0.48 | 1.30 | 1.36 | 2.20 | | | 1.19 | 0.10 | 0.53 | 1.04 |
| 13 | 0.37 | 0.53 | 0.35 | 2.06 | 1.59 | 2.29 | F | 1.45 | 1.09 | 0.17 | 0.39 | 0.86 |
| 14 | 0.38 F | 0.58 | 0.95 | 1.37 | 1.59 | 2.43 | | 1.02 | 1.31 | 1.03 | 0.76 | 1.43 |
| 15 | 0.98 | | 1.30 | 1.49 | 1.27 | 2.03 | | 0.99 | 0.94 | 1.10 | 1.09 | 1.05 |
| 16 | 1.06 | | 1.50 | 1.00 | 0.85 | 1.91 | | 1.16 | 1.30 | 1.15 | 1.91 | -0.13 |
| 17 | 1.12 | | 2.01 | 1.25 | 1.06 | 1.80 | | 1.19 | 1.89 | 1.03 | 1.49 | -0.25 |
| 18 | 2.04 | 0.36 | 2.44 | 1.02 | 0.90 | 2.38 | | 1.13 | 1.66 | 0.68 | 0.92 | 0.25 |
| 19 | 0.90 | 0.58 | 2.29 | 0.70 | 0.82 | | | 1.12 | 1.70 | 0.78 | 0.94 | 0.56 |
| 20 | | 0.57 | 1.90 | 0.56 | 0.85 | 1.88 | | 0.85 | 1.14 | 0.93 | 0.30 | 0.83 |
| 21 | | 0.15 | 1.85 | 0.31 | 0.94 | 2.05 | | 0.95 | 1.15 | -0.55 | 0.14 | 0.67 |
| 22 F | 1.24 | | 1.54 | 0.14 | 0.90 | 2.04 | | 0.84 | 0.97 | 0.63 | 0.79 | 1.24 |
| 23 | 0.83 | 0.23 | 1.80 | 0.10 | 0.97 | 2.04 | | 1.00 | 0.39 | 0.77 | 1.19 | 1.24 |
| 24 | 1.45 | | 1.81 | 0.25 | 1.28 | 1.87 | | 1.09 | 0.89 | 0.91 | 1.29 | 1.50 |
| 25 | 1.99 F | 0.65 | 1.50 | 0.14 | 1.68 | 1.80 | | 1.28 | 0.95 | 0.88 | 1.63 | 1.65 |
| 26 | 0.95 | 1.42 | 1.70 | 0.20 | 1.86 | 1.12 | | 1.45 | 1.05 | 1.28 | 1.76 | 1.36 |
| 27 | 1.00 | 1.95 | 1.96 | 0.72 | 2.13 | 0.64 | | 1.24 | 1.30 | 0.82 | 1.19 | 1.07 |
| 28 | 1.03 | 2.55 | 1.86 | 0.94 | 2.24 | 1.23 | | 1.18 | 1.50 | 0.90 | 0.33 | 0.10 |
| 29 | 1.25 | ----- | 2.09 | 0.64 | 1.85 | 1.52 | | 0.82 | 1.35 | 1.12 | 0.44 | -0.44 |
| 30 | 1.27 | ----- | 1.22 | 1.03 | 1.76 | 1.60 | | 1.20 | 0.60 | 1.10 | 0.59 | -0.20 |
| 31 | 0.96 | ----- | 0.64 | ----- | 1.65 | ----- | | 1.16 | ----- | 0.99 | ----- | 0.60 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|
| MEAN | 0.95 | 0.72 | 1.40 | 0.70 | 1.23 | 1.65 | 1.44 | 1.11 | 1.23 | 0.70 | 0.87 | 0.74 |
| MAX | 2.04 | 2.55 | 2.44 | 2.06 | 2.24 | 2.43 | 1.45 | 1.45 | 1.89 | 1.28 | 1.91 | 1.65 |
| MIN | -0.07 | -0.24 | 0.34 | 0.10 | 0.46 | 0.42 | 1.43 | 0.82 | 0.39 | -0.55 | -0.15 | -0.44 |
| DAYS | 28 | 23 | 31 | 30 | 31 | 29 | 2 | 19 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 315

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.03

HIGHEST STAGE WAS 3.08 AT 3 30 P.M. ON NOV 16.

LOWEST STAGE WAS MINUS 0.82 ON OCT 21.

DAILY STAGE FOR 1987

HANSON CANAL AT HANSON LOCK (LA.) (NORTH)

LOCATION. LAT. 29-46-17, LONG. 91-29-01. ON FENDER, 15 FEET NORTH OF LOCK, 1.8 MILES SOUTHEAST OF FRANKLIN, LA. (STA. 6455010.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. DAILY, NOV. 18, 1923 TO SEP. 19, 1951. INTERMITTENTLY, 1951 TO DATE.

STAGE IN FEET

GAGE ZERO IS AT M. L. G. (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|-----|-----|-------|------|------|------|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | 2.99 | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | 2.86 | | | 2.82 | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | 2.30 | |
| 11 | | | | | | | | | | | | |
| 12 | | | 2.77 | | 1.60 | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | 3.72 | | | | | | | | 2.60 | |
| 18 | | 2.59 | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | 1.98 | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | 2.67 | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | 2.72 | |
| 25 | | | | | | | | | | | | |
| 26 | | | 3.95 | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | ----- | | | | | | | | | | 1.40 |
| 30 | | ----- | | | | | | | | | | |
| 31 | | ----- | | ----- | | ----- | | | ----- | | | |

DAILY STAGE FOR 1987

157

BAYOU TEGNE AT WEST CALUMET FLOODGATE (LA.)

LOCATION. LAT. 29-42-13, LONG. 71-22-31. IN NEW CHANNEL ON SOUTHWEST END OF FLOODGATE, 0.8 MILE
NORTHWEST OF CALUMET, LA. (STA. 6465010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. SEP. 12, 1951, TO DATE.

EXTREMES. HIGHEST, 4.65 FEET ON APR. 17, 1973. LOWEST, MINUS 2.25 FEET ON DEC. 6, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 0.14 FOOT, NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|--------|--------|--------|------|------|--------|--------|-------|------|
| 1 | 1.74 | 1.99 | 2.57 | 1.92 | 1.25 | 2.05 | | | 1.71 | 1.20 | | 1.11 |
| 2 | 1.62 | 1.87 | 2.13 | 1.77 F | 1.20 | 2.09 F | 2.04 | | 1.75 | 1.93 | | 1.06 |
| 3 | 1.92 | 1.37 | 2.06 | 1.70 | | 1.87 | 2.41 | | 1.86 | 0.81 F | 0.70 | 1.21 |
| 4 | 2.07 | 1.52 | 1.77 | 1.39 | | 1.74 | 1.78 | | 1.88 F | 1.31 | | 1.24 |
| 5 | 1.47 | 1.44 | 1.57 | 1.67 | 1.42 | 1.50 | 1.94 | | | 1.22 | 0.75 | 1.06 |
| 6 | 1.67 | 1.57 | 1.77 | 1.62 | | 1.77 | 2.24 | | F | 1.68 | 1.10 | 1.73 |
| 7 | 1.42 | 1.49 | 1.72 | 1.77 | | 2.30 | 2.64 | | | 0.50 | 0.28 | 2.24 |
| 8 | 1.42 | 1.32 | 1.92 | 1.77 | | 2.70 | 2.58 | | | 0.67 | 0.00 | 1.95 |
| 9 | 1.57 | 1.38 | 1.62 | 1.64 | | 2.42 F | 2.28 | | F | 1.41 | 1.23 | 1.98 |
| 10 | 1.62 | 2.12 | 1.55 | 1.42 | | 2.13 | | | | 1.04 | | 1.83 |
| 11 | 1.27 | 1.52 | 1.32 | 1.87 | | 2.12 | F | 2.40 | | | | 1.70 |
| 12 | 1.79 | 1.65 | 1.36 | 2.00 | | 2.75 | | 2.10 | | | | 1.89 |
| 13 | 1.42 | 1.94 | 1.32 | 2.12 | | | | | | | | 1.67 |
| 14 | 1.58 | 1.62 | 1.77 | 2.17 | | F | 1.96 | | | | | 2.05 |
| 15 | 1.82 | 1.90 | 1.72 | 1.82 | | | 1.96 | | | | | 1.88 |
| 16 | 1.70 | 1.99 | 1.77 | 1.57 | F | 2.75 | 1.90 | | | | | 0.80 |
| 17 | 1.75 | 1.47 | 1.86 | 1.27 | | 2.64 | 1.94 | | | F | 1.70 | 0.73 |
| 18 | 2.29 | 1.46 | | 1.42 | | 2.87 | 2.05 | | | | 1.48 | 1.04 |
| 19 | 1.90 | 1.29 | | 1.56 | 1.73 | | 2.00 | | | | 1.64 | 1.28 |
| 20 | 1.76 | 1.41 | | 1.32 | 1.68 | | | | | | 1.24 | 1.64 |
| 21 | 1.60 | 1.32 | | 1.26 | 1.86 | | | | | | 1.27 | 1.55 |
| 22 | 2.01 | 1.72 | | 1.27 | 1.75 | | | F | 1.30 | | 1.80 | 1.93 |
| 23 | 1.68 | 1.42 | | 1.12 | 1.75 F | 1.90 | | | 0.78 | | 2.32 | 2.00 |
| 24 | 1.92 | 1.80 F | 1.91 | 1.35 | 2.08 | 2.65 | | | 1.58 | | 2.36 | 2.37 |
| 25 | 2.25 | 1.80 | 2.57 | 1.00 | 2.27 | 2.63 | F | 1.85 | 1.59 | | 2.56 | 2.40 |
| 26 | 1.61 | 1.92 | 2.39 | 1.20 | 2.38 | 2.26 | | 1.86 | 1.66 | | 2.56 | 2.18 |
| 27 | 1.80 | 2.74 | 2.44 | 1.40 | 2.87 | 1.89 | | 1.69 | 1.90 | | 2.04 | 2.05 |
| 28 | 1.92 | 2.85 | 2.52 | 1.35 | 3.00 | 2.30 F | 1.96 | 1.73 | 1.96 F | 0.85 | 1.38 | 1.60 |
| 29 | 2.00 | ----- | 2.57 | 1.05 | 2.54 | 2.60 | 1.95 | 1.40 | 1.78 | | 1.40 | 1.63 |
| 30 | 1.96 | ----- | 2.08 | 1.20 | 2.29 | 2.40 | | 1.70 | 1.10 | | 1.50 | 2.05 |
| 31 | 1.92 | ----- | 1.75 | ----- | 2.39 | ----- | | 1.63 | ----- | | ----- | 1.53 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.76 | 1.71 | 1.92 | 1.53 | 2.03 | 2.28 | 2.10 | 1.82 | 1.59 | 1.08 | 1.48 | 1.66 |
| MAX | 2.29 | 2.85 | 2.57 | 2.17 | 3.00 | 2.87 | 2.64 | 2.40 | 1.96 | 1.93 | 2.56 | 2.40 |
| MIN | 1.27 | 1.29 | 1.32 | 1.00 | 1.20 | 1.50 | 1.78 | 1.40 | 0.78 | 0.50 | 0.00 | 0.73 |
| DAYS | 31 | 28 | 25 | 30 | 16 | 23 | 16 | 9 | 14 | 11 | 19 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 253

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.76.

HIGHEST STAGE (FROM INCOMPLETE RECORD) WAS 3.31 AT 10:00 A.M. ON JUN 18.

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS MINUS 0.90 ON NOV 8.

DAILY STAGE FOR 1987

BAYOU TECHE AT EAST CALUMET FLOODGATE (LA.)

LOCATION. LAT. 29-42-08, LONG. 91-22-07. IN NEW CHANNEL ON SOUTHEAST END OF FLOODGATE, 0.2 MILE NORTH OF CALUMET, LA. (STA. 6470010.)

GAGE. AUTOMATIC RECORDER AND STAFF

GENERAL INFORMATION. ON NOV. 4, 1976 GAGE WAS RAISED 0.14 FOOT TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU NOV. 4 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS MINUS 0.14 FOOT, NGVD.

RECORDS AVAILABLE. SEP. 13, 1951, TO DATE.

EXTREMES. HIGHEST, 5.08 FEET ON OCT. 3, 1964. LOWEST, MINUS 2.34 FEET ON DEC. 23, 1953. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | | | 3.68 | 3.45 | | 1.49 | 2.43 | 1.63 | | | 1.06 | 1.10 |
| 2 | | | 3.49 | 3.40 | | 1.35 | 2.18 | 1.56 | | | 1.06 | 1.06 |
| 3 | | | 3.41 | 3.35 | | 1.44 | 2.18 | 1.76 | | | 1.06 | 1.25 |
| 4 | | | | 3.31 | | 1.32 | 2.18 | 2.02 | | | | 1.27 |
| 5 | | | 3.30 | | | 1.03 | 1.98 | 2.20 | | | | |
| 6 | | | 3.30 | | | 1.36 | 2.46 | 2.49 | | | | |
| 7 | | | 3.25 | 3.17 | | 1.52 | 2.68 | 2.27 | | | | |
| 8 | | | 3.23 | 3.13 | | 2.00 | 2.58 | 2.48 | | | | |
| 9 | | | 3.19 | 3.09 | | 2.63 | 2.51 | 2.45 | | | | 1.70 |
| 10 | | | 3.19 | 3.04 | | | 2.76 | 2.93 | | | | 1.56 |
| 11 | | | 3.15 | | | | 2.68 | 2.40 | | | | 1.42 |
| 12 | | 2.51 | 3.12 | | | | 2.63 | 2.07 | | | | 1.59 |
| 13 | | 2.51 | 3.10 | | | | 2.37 | 1.80 | | | | 1.42 |
| 14 | | 2.60 | 3.09 | | | | 1.92 | 1.51 | | | | 1.79 |
| 15 | | 2.93 | 3.11 | | | | 1.94 | 1.59 | | | | 1.60 |
| 16 | | 2.86 | | | | | 1.94 | 1.80 | 2.31 | | | 0.54 |
| 17 | | 2.68 | | | | | 1.99 | 1.81 | 2.27 | | | 0.46 |
| 18 | | 2.51 | | | | | 2.03 | 1.77 | 2.11 | | | 0.78 |
| 19 | | 2.47 | | | | | 1.94 | | 2.14 | | | 0.99 |
| 20 | | 2.42 | | | | | 2.51 | | 1.65 | | 1.22 | 1.39 |
| 21 | | 2.48 | | | | | | | 1.59 | | 1.20 | 1.26 |
| 22 | | 2.80 | | | | | 2.64 | | 1.33 | | 1.72 | 1.66 |
| 23 | | 2.68 | | | | 2.67 | 2.74 | | 0.63 | | 2.10 | 1.68 |
| 24 | | 2.82 | | | | 2.51 | 2.67 | | | | 2.18 | 2.02 |
| 25 | | 2.86 | | | | 2.50 | 2.53 | | | | 2.47 | 2.16 |
| 26 | | 2.85 | | | | 2.23 | 2.38 | | | | 2.57 | 1.95 |
| 27 | | 3.91 | | | 2.34 | 1.90 | 2.32 | | | 1.07 | 1.97 | 1.80 |
| 28 | | 3.64 | | | 1.91 | 2.28 | 1.98 | | | 1.08 | 1.33 | 1.32 |
| 29 | | ----- | | | 2.92 | 2.64 | 1.89 | | | 1.06 | 1.35 | 1.37 |
| 30 | | ----- | | | 2.21 | 2.47 | 1.88 | | | 1.06 | 1.43 | 1.82 |
| 31 | | ----- | | ----- | 1.71 | ----- | 1.73 | | ----- | 1.06 | ----- | 2.28 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|----|
| MEAN | 2.80 | 3.26 | 3.24 | 2.22 | 1.96 | 2.29 | 2.03 | 1.75 | 1.07 | 1.62 | 1.45 | |
| MAX | 3.91 | 3.68 | 3.45 | 2.92 | 2.67 | 2.76 | 2.93 | 2.31 | 1.08 | 2.57 | 2.28 | |
| MIN | 2.42 | 3.09 | 3.04 | 1.71 | 1.03 | 1.73 | 1.51 | 0.63 | 1.06 | 1.06 | 0.46 | |
| DAYS | 0 | 17 | 14 | 8 | 5 | 17 | 30 | 18 | 8 | 5 | 14 | 27 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 163

THE MEAN STAGE FOR THE YEAR WAS 2.15

HIGHEST STAGE WAS NOT DETERMINED.

LOWEST STAGE WAS 0.46 ON DEC 17.

DAILY STAGE FOR 1987

BAYOU VERMILION AT TONTONS BRIDGE (LA.)

LOCATION. LAT. 30-21-00. LONG. 91-58-53. HIGHWAY 726 BRIDGE, FOUR MILES NORTHEAST OF CARENCRO, LA. (STA. 6715012C.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAY 6, 1947 TO AUG. 24, 1973 AND MAY 2, 1974 TO DATE.

EXTREMES. HIGHEST, 21.70 FEET ON APR. 21, 1977. LOWEST, MINUS 0.35 FOOT ON DEC. 7, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 1 | 7.90 | 8.56 | 15.93 | 6.74 | 5.51 | 6.37 | 7.77 | 5.34 | 6.17 | 5.07 | 4.46 | 5.23 |
| 2 | 7.30 | 8.08 | 14.95 | 6.60 | 5.58 | 5.75 | 7.44 | 5.42 | 5.65 | 4.74 | 4.44 | 5.10 |
| 3 | 6.75 | 7.65 | 13.95 | 6.37 | 5.76 | 5.46 | 6.51 | 5.21 | 5.37 | 4.41 | 4.43 | 5.06 |
| 4 | 12.05 | 7.05 | 12.67 | 6.15 | 5.80 | 5.40 | 6.02 | 5.18 | 5.26 | 4.06 | 4.38 | 5.01 |
| 5 | 10.43 | 6.67 | 11.47 | 6.16 | 5.86 | 5.64 | 5.75 | 6.18 | 5.27 | 4.11 | 4.44 | 4.86 |
| 6 | 8.62 | 6.55 | 10.28 | 6.13 | 9.42 | 5.50 | 5.60 | 5.64 | 5.40 | 4.22 | 4.27 | 4.84 |
| 7 | 7.54 | 8.67 | 9.40 | 5.96 | 8.62 | 5.50 | 10.06 | 6.87 | 5.37 | 4.25 | 4.20 | 6.04 |
| 8 | 6.84 | 7.14 | 9.05 | 5.89 | 6.73 | 5.68 | 8.67 | 6.76 | 5.24 | 4.34 | 4.38 | 8.06 |
| 9 | 6.27 | 5.95 | 8.75 | 5.95 | 6.07 | 6.75 | 11.87 | 6.26 | 5.25 | 4.35 | 4.60 | 6.22 |
| 10 | 6.25 | 5.45 | 8.20 | 5.95 | 6.19 | 6.03 | 10.19 | 6.75 | 5.53 | 4.41 | 4.54 | 5.29 |
| 11 | 5.84 | 5.54 | 7.57 | 5.91 | 6.38 | 5.77 | 8.37 | 10.95 | 5.43 | 4.34 | 4.24 | 4.84 |
| 12 | 5.42 | 5.35 | 7.05 | 5.94 | 5.94 | 5.87 | 7.44 | 11.59 | 5.67 | 4.28 | 4.13 | 4.59 |
| 13 | 5.28 | 5.08 | 6.60 | 6.00 | 6.82 | 6.27 | 6.74 | 10.97 | 5.77 | 4.16 | 4.16 | 4.37 |
| 14 | 5.42 | 5.05 | 6.33 | 6.25 | 6.36 | 14.12 | 7.70 | 9.17 | 5.63 | 4.15 | 4.18 | 4.48 |
| 15 | 5.56 | 5.32 | 6.28 | 5.98 | 8.20 | 13.65 | 7.51 | 7.54 | 5.52 | 4.26 | 4.27 | 4.70 |
| 16 | 6.32 | 13.95 | 6.23 | 5.78 | 9.38 | 11.44 | 6.65 | 6.63 | 5.47 | 4.33 | 4.84 | 4.17 |
| 17 | 13.15 | 11.96 | 6.16 | 5.65 | 7.44 | 9.10 | 6.34 | 6.01 | 5.84 | 4.26 | 8.49 | 4.30 |
| 18 | 16.14 | 9.84 | 15.09 | | 6.57 | 9.56 | 5.99 | 5.60 | 5.68 | 4.27 | 6.55 | 4.20 |
| 19 | 17.35 | 8.02 | 14.15 | | 5.95 | 8.50 | 5.73 | 5.47 | 5.65 | 4.20 | 5.40 | 4.26 |
| 20 | 16.70 | 6.61 | 12.62 F | 5.68 | 5.71 | 7.63 | 5.63 | 5.40 | 5.66 | 4.23 | 4.92 | 4.63 |
| 21 | 15.77 | 9.31 | 11.15 | 5.70 | 5.64 | 7.38 | 5.80 | 5.32 | 5.53 | 4.30 | 4.74 | 7.62 |
| 22 | 17.14 | 15.35 | 9.76 | 5.80 | 5.57 | 7.02 | 5.93 | 5.29 | 5.43 | 4.27 | 4.81 | 13.60 |
| 23 | 16.52 | 14.80 | 8.70 | 5.53 | 6.77 | 6.63 | 6.32 | 5.26 | 5.32 | 4.50 | 5.03 | 11.57 |
| 24 | 15.55 | 13.23 | 15.36 | 5.51 | 10.17 | 6.24 | 5.92 | 5.30 | 5.30 | 4.50 | 5.10 | 9.15 |
| 25 | 15.15 | 14.57 | 14.32 | 5.46 | 10.59 | 6.07 | 5.72 | 5.31 | 5.33 | 4.52 | 5.17 | 7.28 |
| 26 | 14.39 | 15.75 | 12.86 | 5.46 | 9.53 | 5.85 | 5.84 | 5.42 | 5.32 | 4.37 | 5.27 | 6.04 |
| 27 | 13.27 | 15.93 | 11.42 | 5.49 | 7.54 | 5.65 | 5.75 | 5.37 | 5.35 | 6.30 | 5.07 | 5.27 |
| 28 | 12.09 | 15.76 | 10.00 | 5.48 | 9.27 | 5.57 | 5.45 | 5.33 | 5.42 | 4.96 | 5.55 | 4.82 |
| 29 | 10.95 | ----- | 8.70 | 5.43 | 7.93 | 5.60 | 5.28 | 8.51 | 5.48 | 4.58 | 5.59 | 4.57 |
| 30 | 9.96 | ----- | 8.09 | 5.47 | 9.17 | 5.66 | 5.18 | 9.63 | 5.37 | 4.56 | 5.37 | 4.50 |
| 31 | 9.18 | ----- | 7.35 | ----- | 7.28 | ----- | 5.17 | 7.59 | ----- | 4.50 | ----- | 4.58 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|-------|-------|-------|-------|------|------|------|-------|
| MEAN | 10.55 | 9.40 | 10.34 | 5.87 | 7.22 | 7.06 | 6.79 | 6.69 | 5.49 | 4.45 | 4.90 | 5.78 |
| MAX | 17.35 | 15.93 | 15.93 | 6.74 | 10.59 | 14.12 | 11.87 | 11.59 | 6.17 | 6.30 | 8.49 | 13.60 |
| MIN | 5.28 | 5.05 | 6.16 | 5.43 | 5.51 | 5.40 | 5.17 | 5.18 | 5.24 | 4.06 | 4.13 | 4.17 |
| DAYS | 31 | 28 | 31 | 28 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 7.04.

HIGHEST STAGE WAS 17.37 AT 4:00 A.M. ON JAN 9.

LOWEST STAGE WAS 4.00 ON OCT 4.

DAILY STAGE FOR 1987

BAYOU VERMILION AT LONG BRIDGE, LA.

LOCATION. LAT. 30-14-25. LONG. 91-57-49. HIGHWAY 94 BRIDGE, FOUR MILES EAST OF LAFAYETTE, LA.
(STA. 6722512C.)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1933. DAILY, OCT. 1937 TO DATE.

EXTREMES. HIGHEST, 20.4 FEET ON AUG. 15, 1940. LOWEST, MINUS 1.04 FEET ON DEC. 6, 1954.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 6.64 | 7.13 | 10.35 | 4.80 | 3.46 | 4.90 | 5.87 | 3.65 | 4.54 | 3.18 | 3.23 | 2.95 |
| 2 | 6.03 | 6.63 | 10.25 | 5.08 | 3.64 | 4.43 | 6.00 | 3.75 | 4.12 | 3.25 | 3.16 | 2.80 |
| 3 | 5.56 | 6.05 | 10.00 | 4.74 | 4.14 | 4.16 | 5.19 | 3.49 | 3.80 | 3.12 | 3.27 | 3.14 |
| 4 | 8.13 | 5.47 | 9.65 | 4.25 | 4.06 | 4.08 | 4.69 | 3.41 | 3.67 | 2.57 | 3.34 | 3.06 |
| 5 | 7.54 | 5.14 | 9.20 | 4.30 | 4.16 | 4.64 | 4.37 | 3.81 | 3.70 | 2.99 | 3.48 | 2.95 |
| 6 | 6.68 | 4.80 | 8.65 | 4.23 | 5.38 | 4.03 | 4.24 | 3.82 | 3.90 | 3.18 | 2.80 | 3.64 |
| 7 | 5.94 | 5.54 | 8.09 | 3.95 | 5.33 | 4.01 | 8.67 | 5.49 | 3.87 | 3.00 | 3.34 | 5.20 |
| 8 | 5.29 | 4.77 | 7.62 | 3.85 | 4.66 | 4.22 | 7.63 | 5.46 | 3.73 | 2.98 | 3.80 | 5.20 |
| 9 | 4.84 | 3.95 | 7.14 | 3.79 | 4.55 | 4.50 | 8.32 | 4.88 | 3.71 | 3.47 | 4.03 | 4.33 |
| 10 | 4.62 | 3.55 | 6.70 | 3.75 | 4.43 | 4.60 | 7.87 | 5.98 | 3.85 | 3.49 | 3.20 | 3.64 |
| 11 | 3.92 | 3.42 | 6.06 | 3.79 | 4.34 | 4.49 | 7.14 | 7.13 | 3.93 | 3.30 | 1.87 | 3.20 |
| 12 | 3.42 | 3.36 | 5.47 | 3.90 | 4.13 | 4.70 | 6.53 | 7.21 | 4.27 | 2.90 | 2.05 | 3.15 |
| 13 | 3.27 | 3.04 | 5.00 | 4.20 | 4.39 | 5.09 | 5.93 | 7.07 | 4.47 | 2.41 | 2.80 | 3.03 |
| 14 | 3.30 | 3.00 | 4.65 | 4.59 | 4.53 | 9.36 | 6.27 | 6.54 | 4.07 | 2.84 | 2.82 | 3.74 |
| 15 | 3.82 | 3.80 | 4.47 | 3.94 | 4.84 | 8.82 | 5.92 | 5.77 | 3.94 | 3.21 | 3.30 | 3.74 |
| 16 | 4.45 | 8.18 | 4.34 | 3.53 | 5.86 | 8.60 | 5.35 | 5.18 | 3.96 | 3.20 | 4.37 | 1.94 |
| 17 | 7.84 | 7.60 | 4.53 | 3.43 | 5.12 | 7.85 | 5.07 | 4.67 | 4.34 | 3.10 | 5.38 | 2.07 |
| 18 | 9.45 | 6.84 | 9.54 | 3.65 | 4.94 | 7.80 | 4.75 | 4.26 | 4.20 | 2.86 | 4.40 | 2.88 |
| 19 | 9.85 | 5.84 | 8.95 | 3.63 | 4.38 | 7.35 | 4.38 | 4.02 | 4.15 | 2.91 | 3.84 | 3.15 |
| 20 | 9.88 | 5.03 | 8.70 | 3.65 | 4.18 | 6.73 | 4.25 | 3.83 | 4.09 | 3.10 | 3.04 | 3.38 |
| 21 | 9.84 | 5.56 | 8.30 | 3.67 | 4.04 | 6.60 | 4.39 | 3.65 | 4.05 | 2.96 | 2.73 | 4.24 |
| 22 | 10.52 | 8.97 | 7.62 | 3.54 | 3.93 | 6.18 | 4.16 | 3.62 | 4.11 | 2.78 | 3.58 | 7.57 |
| 23 | 10.46 | 8.84 | 7.05 | 3.38 | 4.22 | 5.66 | 4.40 | 3.50 | 3.85 | 3.54 | 3.88 | 6.88 |
| 24 | 10.36 | 8.66 | 8.80 | 3.38 | 5.54 | 5.25 | 4.34 | 3.65 | 3.88 | 3.66 | 3.71 | 5.97 |
| 25 | 10.34 | 8.99 | 8.85 | 3.18 | 6.40 | 5.13 | 4.17 | 3.74 | 3.97 | 3.60 | 3.90 | 5.14 |
| 26 | 10.14 | 9.67 | 8.65 | 3.34 | 6.14 | 4.77 | 4.33 | 3.95 | 3.94 | 3.58 | 3.56 | 4.36 |
| 27 | 9.84 | 9.96 | 8.25 | 3.36 | 5.55 | 4.40 | 4.15 | 3.92 | 4.11 | 4.25 | 3.26 | 3.82 |
| 28 | 9.44 | 10.38 | 7.55 | 3.33 | 5.87 | 4.25 | 4.00 | 3.80 | 4.21 | 3.36 | 3.41 | 2.80 |
| 29 | 8.94 | ----- | 6.84 | 3.20 | 5.70 | 4.37 | 3.88 | 4.67 | 4.22 | 3.24 | 2.93 | 1.96 |
| 30 | 8.40 | ----- | 6.18 | 3.48 | 6.29 | 4.45 | 3.65 | 5.73 | 3.89 | 3.39 | 3.07 | 2.08 |
| 31 | 7.73 | ----- | 5.37 | ----- | 5.56 | ----- | 3.72 | 5.23 | ----- | 3.25 | ----- | 3.44 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 7.31 | 6.22 | 7.51 | 3.83 | 4.83 | 5.51 | 5.28 | 4.67 | 4.02 | 3.18 | 3.38 | 3.72 |
| MAX | 10.52 | 10.38 | 10.35 | 5.08 | 6.40 | 9.36 | 8.67 | 7.21 | 4.54 | 4.25 | 5.38 | 7.57 |
| MIN | 3.27 | 3.00 | 4.34 | 3.18 | 3.46 | 4.01 | 3.65 | 3.41 | 3.67 | 2.41 | 1.87 | 1.94 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 4.95.

HIGHEST STAGE WAS 10.54 AT 2.00 A. M. ON JAN 22.

LOWEST STAGE WAS 1.43 ON DEC 16.

DAILY STAGE FOR 1987

RUTH CANAL AT RUTH, LA. (WEST)

LOCATION. LAT. 30-14-34, LONG. 91-53-05. ABOUT 250 FEET DOWNSTREAM FROM CONTROL STRUCTURE, 0.45 MILE BELOW JUNCTION WITH BAYOU TECHE. (STA. 6730012C.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. DAILY, JAN. 1938 TO DEC. 1944 AND JAN. 1946 TO DATE. INTERMITTENTLY, 1945.
THE LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD. ZERO OF GAGE IN 1946 WAS AT M. L. G.

EXTREMES. HIGHEST, 18.5 FEET FROM AUG. 14 TO 16, 1940. LOWEST, 0.00 FOOT ON DEC. 4, 1967.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1964 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.77 | 6.36 | 8.94 | 5.48 | 4.65 | 5.18 | 5.88 | 4.67 | 4.98 | 4.07 | 4.15 | 2.80 |
| 2 | 5.24 | 5.80 | 8.94 | 5.40 | 4.68 | 4.95 | 5.57 | 4.67 | 4.83 | 4.25 | 4.04 | 2.75 |
| 3 | 4.94 | 5.17 | 8.80 | 5.24 | 4.94 | 4.78 | 5.27 | 4.63 | 4.77 | 4.11 | 3.97 | 2.95 |
| 4 | 6.93 | 4.77 | 8.57 | 5.12 | 4.88 | 4.80 | 5.00 | 4.65 | 4.76 | 3.83 | 4.04 | 2.86 |
| 5 | 6.38 | 4.32 | 8.18 | 5.12 | 4.85 | 4.85 | 4.87 | 4.78 | 4.80 | 3.99 | 4.02 | 3.41 |
| 6 | 5.64 | 4.24 | 7.87 | 5.03 | 5.43 | 4.77 | 4.90 | 4.88 | 4.78 | 4.04 | 3.84 | 3.32 |
| 7 | 5.03 | 4.62 | 7.29 | 4.99 | 5.34 | 4.85 | 7.74 | 5.35 | 4.75 | 3.97 | 3.22 | 4.82 |
| 8 | 4.46 | 3.97 | 6.80 | 4.97 | 5.06 | 4.88 | 7.06 | 5.48 | 4.78 | 3.98 | 3.46 | 4.26 |
| 9 | 4.06 | 3.41 | 6.55 | 4.96 | 5.02 | 5.04 | 7.28 | 5.17 | 4.75 | 4.15 | 3.65 | 3.54 |
| 10 | 4.03 | 3.07 | 5.84 | 4.95 | 4.98 | 5.04 | 6.92 | 6.28 | 4.85 | 4.12 | 3.08 | 3.24 |
| 11 | 3.20 | 3.09 | 5.34 | 4.97 | 4.97 | 5.18 | 6.55 | 6.64 | 4.78 | 4.05 | 2.60 | 2.98 |
| 12 | 3.10 | 3.00 | 4.84 | 4.83 | 4.91 | 5.35 | 6.02 | 6.50 | 5.67 | 3.84 | 2.78 | 2.78 |
| 13 | 3.05 | 2.79 | 4.33 | 4.99 | 5.09 | 7.54 | 5.60 | 6.32 | 5.03 | 3.72 | 2.86 | 2.87 |
| 14 | 3.08 | 2.81 | 4.06 | 5.14 | 4.99 | 7.82 | 6.00 | 6.15 | 4.98 | 4.04 | 3.01 | 3.23 |
| 15 | 3.42 | 4.38 | 4.07 | 4.80 | 5.29 | 7.63 | 5.77 | 5.58 | 4.98 | 4.15 | 3.29 | 3.31 |
| 16 | 5.98 | 6.78 | 4.04 | 4.74 | 5.70 | 7.49 | 5.42 | 5.37 | 5.19 | 4.03 | 3.94 | 2.25 |
| 17 | 6.63 | 6.40 | 4.07 | 4.63 | 5.30 | 7.34 | 5.20 | 5.02 | 5.19 | 4.02 | 4.49 | 2.23 |
| 18 | 7.96 | 5.73 | 8.00 | 4.78 | 5.28 | 7.18 | 4.97 | 4.90 | 5.00 | 3.98 | 3.77 | 2.67 |
| 19 | 8.20 | 4.84 | 7.58 | 4.77 | 4.98 | 6.76 | 4.84 | 4.83 | 4.99 | 4.02 | 3.43 | 2.83 |
| 20 | 8.55 | 4.28 | 7.45 | 4.78 | 4.87 | 6.38 | 4.78 | 4.76 | 4.97 | 4.04 | 3.40 | 2.64 |
| 21 | 8.55 | 4.68 | 7.29 | 4.74 | 4.80 | 6.22 | 4.82 | 4.74 | 4.96 | 3.98 | 2.88 | 3.24 |
| 22 | 8.97 | 9.58 | 6.79 | 4.85 | 4.78 | 6.01 | 4.77 | 4.73 | 4.91 | 4.13 | 3.30 | 3.42 |
| 23 | 9.03 | 7.36 | 6.17 | 4.78 | 4.97 | 5.66 | 4.78 | 4.78 | 4.80 | 4.14 | 3.44 | 3.92 |
| 24 | 9.04 | 7.29 | 7.48 | 4.74 | 5.76 | 5.37 | 4.75 | 4.70 | 4.76 | 4.20 | 3.42 | 3.72 |
| 25 | 9.06 | 7.62 | 7.49 | 4.70 | 5.93 | 5.29 | 4.84 | 4.87 | 4.83 | 4.12 | 3.60 | 4.23 |
| 26 | 8.97 | 8.25 | 7.35 | 4.67 | 5.83 | 5.11 | 4.80 | 4.89 | 4.92 | 4.14 | 3.28 | 3.64 |
| 27 | 8.78 | 8.54 | 7.04 | 4.68 | 5.46 | 4.87 | 4.78 | 4.85 | 4.98 | 4.12 | 3.18 | 3.21 |
| 28 | 8.40 | 8.83 | 6.68 | 4.58 | 5.64 | 4.85 | 4.73 | 4.83 | 5.11 | 4.07 | 3.20 | 3.63 |
| 29 | 7.98 | ----- | 6.10 | 4.65 | 5.77 | 4.88 | 4.70 | 5.09 | 4.99 | 4.15 | 2.85 | 3.71 |
| 30 | 7.43 | ----- | 5.37 | 4.66 | 5.96 | 5.55 | 4.64 | 5.57 | 4.32 | 4.14 | 2.95 | 3.45 |
| 31 | 6.99 | ----- | 4.78 | ----- | 5.38 | ----- | 4.68 | 5.23 | ----- | 4.14 | ----- | 3.12 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 6.41 | 5.43 | 6.58 | 4.89 | 5.21 | 5.72 | 5.42 | 5.19 | 4.91 | 4.06 | 3.44 | 3.26 |
| MAX | 9.06 | 9.58 | 8.94 | 5.48 | 5.96 | 7.82 | 7.74 | 6.64 | 5.67 | 4.25 | 4.49 | 4.82 |
| MIN | 3.05 | 2.79 | 4.04 | 4.58 | 4.65 | 4.77 | 4.64 | 4.63 | 4.32 | 3.72 | 2.60 | 2.23 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 5.04.

HIGHEST STAGE WAS 9.58 ON FEB 22.

LOWEST STAGE WAS 2.23 ON DEC 17.

DAILY STAGE FOR 1987

VERMILION RIVER AT LAFAYETTE, LA.

LOCATION. LAT. 30-13-00, LONG. 91-59-35. ON SURREY AVENUE BRIDGE. (STA. 6737512C.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY SINCE DEC. 1967.

RECORDS AVAILABLE. FEB. 10, 1961, TO DATE. ZERO OF GAGE PRIOR TO 1968 WAS 1.49 FEET HIGHER THAN PRESENT DATUM. FOR RECORDS 1941 TO 1960, REFER TO GAGE PIN HOOK BRIDGE (V-A), 2.2 MILES DOWNSTREAM.

EXTREMES. HIGHEST, 15.02 FEET ON MAY 17, 1980. ESTIMATED LOWEST, 0.6 FOOT ON NOV. 3, 1966.

MEAN DAILY STAGE IN FEET

GAGE ZERO, MINUS 1.53 FEET, M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 7.34 | 7.87 | 10.22 | 5.72 | | 5.75 | 6.97 | 4.60 | 5.35 | 4.17 | 4.32 | 3.82 |
| 2 | 6.77 | 7.37 | 10.06 | 5.82 | 4.84 | 5.35 | 6.74 | 4.60 | 5.02 | 4.43 | 4.23 | 3.80 |
| 3 | 7.38 | 6.76 | 9.94 | 5.34 | 5.29 | 5.10 | 6.00 | 4.45 | 4.78 | 4.11 | 4.31 | 4.13 |
| 4 | 8.41 | 6.31 | 9.76 | | 5.15 | 5.04 | 5.57 | 4.46 | 4.72 | 3.76 | 4.34 | 3.98 |
| 5 | 7.82 | 5.97 | 9.49 | | 5.18 | 5.55 | 5.32 | 4.72 | 4.86 | 4.22 | 4.40 | 3.93 |
| 6 | 7.28 | 5.78 | 9.11 | 4.92 | 5.89 | 4.95 | 6.18 | 5.49 | 4.95 | 4.26 | 3.77 | 4.78 |
| 7 | 6.65 | 5.95 | 8.68 | 4.66 | 5.70 | 5.10 | 9.55 | 6.46 | 4.80 | 3.94 | 4.33 | 6.34 |
| 8 | 6.01 | 5.34 | 8.27 | 4.58 | 5.39 | 5.42 | 8.70 | 6.29 | 4.63 | 3.99 | 4.78 | 5.82 |
| 9 | 5.75 | 4.69 | 7.83 | 4.50 | 5.43 | 5.71 | 8.72 | 5.91 | 4.58 | 4.53 | 5.08 | 5.13 |
| 10 | 5.42 | 4.43 | 7.32 | 4.51 | 5.33 | 5.73 | 8.35 | 7.26 | 4.74 | 4.52 | 4.07 | 4.54 |
| 11 | 4.66 | 4.43 | 6.72 | 4.65 | 5.17 | 5.84 | 7.82 | 7.56 | 4.90 | 4.34 | 2.76 | 4.18 |
| 12 | 4.26 | 4.27 | 6.20 | 4.95 | 5.03 | 6.19 | 7.29 | 7.41 | 5.13 | 3.82 | 3.38 | 4.06 |
| 13 | 4.27 | 3.99 | 5.77 | 5.52 | 5.27 | 7.22 | 6.74 | 7.27 | 5.29 | 3.49 | 3.81 | 4.27 |
| 14 | 4.34 | 4.09 | 5.53 | 5.45 | 5.38 | 8.81 | 6.81 | 6.94 | 4.97 | 4.09 | 4.01 | 4.98 |
| 15 | 4.75 | 6.62 | 5.44 | 4.71 | 5.79 | 8.58 | 6.57 | 6.40 | 4.91 | | 4.61 | 4.52 |
| 16 | 6.24 | 8.09 | 5.40 | 4.29 | 6.21 | 8.69 | 6.17 | 5.95 | 5.09 | | 5.95 | 2.81 |
| 17 | 8.73 | 7.54 | 7.03 | 4.35 | 5.87 | 8.51 | 5.91 | 5.52 | 5.28 | | 6.07 | 3.07 |
| 18 | 9.54 | 7.10 | 9.91 | 4.52 | 5.69 | 8.49 | 5.65 | 5.16 | 5.18 | | 5.16 | 3.86 |
| 19 | 9.36 | 6.40 | 8.95 | 4.49 | 5.21 | 7.99 | 5.38 | 4.92 | 5.09 | | 4.72 | 4.23 |
| 20 | 9.31 | 5.94 | 8.80 | 4.52 | 5.06 | 7.69 | 5.43 | 4.73 | 4.93 | 4.30 | 3.91 | 4.40 |
| 21 | 9.74 | 6.71 | 8.59 | 4.48 | 4.93 | 7.42 | 5.42 | 4.60 | 5.00 | 3.86 | 3.77 | 5.57 |
| 22 | 10.42 | 9.00 | 8.16 | 4.27 | 4.95 | 7.02 | 5.29 | 4.52 | 4.98 | 3.98 | 4.55 | 7.26 |
| 23 | 10.14 | 8.42 | 8.12 | 4.13 | 5.12 | 6.54 | 5.42 | 4.49 | 4.66 | 4.61 | 4.89 | 6.87 |
| 24 | 10.11 | 8.56 | 8.81 | 4.15 | 6.06 | 6.19 | 5.37 | 4.64 | 4.79 | 4.75 | 4.80 | 6.49 |
| 25 | 10.22 | 8.98 | 8.68 | 3.98 | 6.53 | 6.03 | 5.21 | 4.78 | 4.86 | 4.63 | 5.02 | 5.95 |
| 26 | 10.04 | 9.77 | 8.61 | 4.20 | 6.51 | 5.60 | 5.24 | 4.93 | 4.86 | 4.94 | 4.58 | 5.32 |
| 27 | 9.86 | 9.83 | 8.42 | 4.30 | 6.36 | 5.21 | 5.05 | 4.84 | 5.09 | 5.04 | 4.42 | 4.76 |
| 28 | 9.66 | 10.28 | 7.99 | 4.23 | 6.50 | 5.22 | 4.83 | 4.67 | 5.26 | 4.36 | 4.24 | 3.71 |
| 29 | 9.34 | ----- | 7.50 | 4.07 | 6.66 | 5.42 | 4.76 | 5.21 | 5.18 | 4.34 | 3.94 | 2.66 |
| 30 | 8.90 | ----- | 6.78 | ----- | 6.75 | 5.88 | 4.60 | 5.95 | 4.78 | 4.48 | 4.00 | 3.30 |
| 31 | 8.35 | ----- | 5.99 | ----- | 6.34 | ----- | 4.71 | 5.76 | ----- | 4.38 | ----- | 4.62 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| MEAN | 7.78 | 6.80 | 8.00 | 4.64 | 5.65 | 6.41 | 6.19 | 5.50 | 4.96 | 4.28 | 4.41 | 4.62 |
| MAX | 10.42 | 10.28 | 10.22 | 5.82 | 6.75 | 8.81 | 9.55 | 7.56 | 5.35 | 5.04 | 6.07 | 7.26 |
| MIN | 4.26 | 3.99 | 5.40 | 3.98 | 4.84 | 4.95 | 4.60 | 4.45 | 4.58 | 3.49 | 2.76 | 2.66 |
| DAYS | 31 | 28 | 31 | 27 | 30 | 30 | 31 | 31 | 30 | 26 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 356

THE MEAN STAGE FOR THE YEAR WAS 5.80.

HIGHEST STAGE WAS 10.61 AT 1:00 A.M. ON JAN 22.

LOWEST STAGE WAS 2.36 ON DEC 29.

DAILY STAGE FOR 1987

VERMILION RIVER AT BROUSSARD BRIDGE (LA.)

LOCATION. LAT. 30-08-30. LONG. 92-04-34. TEN FEET UPSTREAM FROM HIGHWAY 733 BRIDGE, 7.1 MILES
SOUTHWEST OF LAFAYETTE, LA. (STA. 67450120.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAR. 17, 1948, TO DATE.

EXTREMES. HIGHEST, 16.33 FEET ON MAY 17, 1980. LOWEST, MINUS 1.70 FEET ON DEC. 6, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 4.04 | 4.46 | 6.57 | 2.27 | 1.86 | 3.09 | 4.13 | 2.36 | 3.39 | 2.21 | 2.95 | 2.10 |
| 2 | 3.70 | 4.18 | 5.55 | 2.93 | 2.22 | 2.82 | 4.46 | 2.57 | 3.24 | 3.05 | 2.77 | 2.02 |
| 3 | 4.27 | 3.46 | 5.50 | 2.23 | 3.05 | 2.78 | 3.36 | 2.60 | 3.00 | 2.31 | 2.80 | 2.50 |
| 4 | 6.23 | 3.36 | 5.32 | 1.97 | 2.70 | 2.80 | 3.16 | 2.81 | 3.00 | 1.40 | 2.90 | 2.31 |
| 5 | 3.92 | 3.44 | 5.12 | 2.33 | 2.83 | 3.93 | 3.15 | 2.94 | 3.20 | 2.44 | 2.82 | 2.50 |
| 6 | 4.10 | 3.04 | 5.05 | 2.31 | 3.38 | 2.74 | 3.44 | 3.00 | 3.16 | 2.52 | 2.05 | 3.60 |
| 7 | 3.62 | 2.98 | 4.92 | 2.04 | 2.66 | 3.30 | 8.67 | 3.89 | 2.76 | 1.90 | 3.25 | 5.20 |
| 8 | 3.09 | 2.55 | 4.75 | 2.05 | 2.67 | 3.65 | 6.71 | 3.93 | 2.62 | 2.26 | 3.74 | 3.68 |
| 9 | 3.30 | 2.32 | 4.05 | 1.94 | 2.76 | 3.87 | 5.78 | 3.45 | 2.36 | 3.25 | 3.93 | 3.42 |
| 10 | 2.97 | 2.48 | 3.90 | 2.12 | 2.88 | 3.70 | 4.84 | 5.92 | 2.62 | 3.04 | 2.44 | 3.10 |
| 11 | 1.97 | 2.77 | 3.32 | 2.48 | 2.89 | 3.53 | 4.34 | 4.95 | 2.86 | 2.93 | 0.57 | 2.90 |
| 12 | 2.02 | 2.62 | 3.06 | 3.08 | 2.77 | 3.88 | 4.04 | 4.12 | 2.83 | 1.85 | 1.86 | 2.82 |
| 13 | 2.54 | 2.30 | 2.86 | 3.74 | 2.64 | 3.90 | 3.60 | 3.88 | 3.42 | 1.64 | 2.66 | 2.88 |
| 14 | 2.53 | 2.74 | 3.09 | 3.33 | 2.80 | 6.22 | 3.63 | 3.74 | 3.14 | 2.81 | 2.80 | 3.58 |
| 15 | 3.37 | 3.90 | 3.33 | 2.20 | 2.94 | 4.93 | 3.42 | 3.48 | 3.13 | 3.21 | 3.26 | 3.01 |
| 16 | 3.67 | 5.50 | 3.35 | 1.62 | 3.38 | 5.40 | 3.15 | 3.45 | 3.38 | 3.08 | 4.30 | 0.90 |
| 17 | 5.34 | 3.72 | 4.15 | 1.70 | 2.59 | 5.47 | 3.18 | 3.24 | 3.40 | 2.94 | 4.27 | 1.62 |
| 18 | 6.96 | 3.35 | 8.88 | 2.05 | 2.83 | 5.77 | 3.40 | 2.78 | 3.14 | 2.49 | 3.09 | 2.65 |
| 19 | 6.18 | 2.90 | 5.85 | 2.10 | 2.63 | 4.74 | 3.33 | 2.55 | 2.89 | 2.73 | 3.05 | 2.92 |
| 20 | 4.85 | 2.98 | 4.96 | 2.23 | 2.72 | 4.23 | 3.50 | 2.37 | 2.48 | 2.96 | 2.06 | 3.01 |
| 21 | 4.94 | 3.24 | 4.93 | 2.22 | 2.78 | 4.48 | 3.35 | 2.32 | 2.98 | 1.80 | 2.10 | 3.01 |
| 22 | 8.32 | 7.40 | 4.58 | 1.94 | 2.87 | 4.26 | 3.04 | 2.29 | 2.91 | 2.76 | 3.45 | 4.80 |
| 23 | 5.99 | 4.85 | 4.87 | 1.88 | 2.98 | 3.59 | 2.97 | 2.33 | 2.32 | 3.12 | 3.75 | 4.12 |
| 24 | 5.70 | 5.02 | 6.35 | 1.98 | 3.35 | 3.14 | 3.00 | 2.53 | 2.71 | 3.45 | 3.61 | 4.16 |
| 25 | 6.52 | 6.30 | 4.97 | 1.30 | 3.67 | 3.45 | 2.69 | 2.84 | 2.86 | 3.00 | 3.89 | 3.97 |
| 26 | 5.58 | 7.80 | 4.94 | 1.80 | 3.88 | 2.78 | 2.82 | 2.92 | 2.95 | 3.37 | 3.08 | 3.52 |
| 27 | 5.37 | 6.63 | 4.94 | 1.82 | 3.72 | 2.35 | 2.56 | 2.72 | 3.58 | 3.23 | 2.76 | 3.17 |
| 28 | 5.44 | 7.93 | 4.49 | 1.67 | 3.85 | 2.51 | 2.46 | 2.54 | 3.81 | 2.25 | 2.11 | 1.80 |
| 29 | 5.28 | ----- | 4.44 | 1.35 | 3.85 | 2.99 | 2.51 | 2.68 | 3.50 | 3.00 | 2.14 | 0.60 |
| 30 | 5.01 | ----- | 3.35 | 1.92 | 3.86 | 3.09 | 2.20 | 3.27 | 2.54 | 3.19 | 2.35 | 1.96 |
| 31 | 4.48 | ----- | 2.27 | ----- | 3.90 | ----- | 2.40 | 3.43 | ----- | 2.98 | ----- | 3.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.56 | 4.08 | 4.64 | 2.15 | 3.03 | 3.78 | 3.65 | 3.16 | 3.01 | 2.68 | 2.89 | 2.94 |
| MAX | 8.32 | 7.93 | 8.88 | 3.74 | 3.90 | 6.22 | 8.67 | 5.92 | 3.81 | 3.45 | 4.30 | 5.20 |
| MIN | 1.97 | 2.30 | 2.27 | 1.30 | 1.86 | 2.35 | 2.20 | 2.29 | 2.32 | 1.40 | 0.57 | 0.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 3.38

HIGHEST STAGE WAS 9.41 AT 12:20 A.M. ON MAR 18

LOWEST STAGE WAS 0.55 ON NOV 11.

DAILY STAGE FOR 1987

VERMILION RIVER AT PERRY, LA.

LOCATION. LAT. 29-57-05. LONG. 92-09-28. STATE HIGHWAY 82 BRIDGE. (STA. 6783013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY. PRIOR TO NOV. 30, 1976
 GAGE WAS MAINTAINED BY U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT. GAGE ZERO CHANGED
 FROM H. L. G. TO NGVD AFTER TRANSFER. GAGE ZERO CHANGED TO MINUS 2.95 NGVD ON JAN. 1, 1979.

RECORDS AVAILABLE. NOV. 1971 TO DATE. FOR RECORDS FROM JUNE 1931 TO MAY 1971, REFER TO STATION
 NEAR ABBEVILLE, LA.

EXTREMES. (FROM 1971 TO DATE) HIGHEST, 12.05 ON MAY 17, 1980. LOWEST, MINUS 1.64 FEET ON JAN. 27,
 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 2.95 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 4.48 | 5.28 | 5.51 | 4.29 | 4.17 | | 5.32 | 4.14 | 4.53 | 3.90 | 4.39 | 3.75 |
| 2 | 4.46 | 4.58 | 4.81 | 4.42 | 4.79 | | 5.09 | 4.01 | 4.41 | 4.32 | 4.36 | 3.95 |
| 3 | 6.15 | 4.31 | 4.88 | 3.06 | 5.22 | 4.72 | 4.79 | 4.06 | 4.37 | 3.66 | 4.38 | 4.14 |
| 4 | 4.97 | 4.75 | 4.68 | 3.97 | 4.89 | 4.76 | 4.69 | 4.12 | 4.43 | 3.86 | 4.47 | 3.85 |
| 5 | 4.17 | 4.69 | 4.82 | 4.07 | 4.57 | 4.99 | 4.75 | 4.20 | 4.80 | 4.36 | 4.36 | 4.21 |
| 6 | 4.85 | 4.26 | 5.03 | 3.81 | 4.28 | 4.57 | 5.44 | 4.44 | 4.75 | 4.16 | 3.79 | 5.11 |
| 7 | 4.56 | 3.52 | 5.01 | 3.69 | 3.98 | 5.12 | 7.34 | 4.87 | 4.43 | 3.62 | 4.80 | 5.73 |
| 8 | 4.35 | 3.68 | 4.83 | 3.66 | 4.17 | 5.50 | 6.73 | 4.97 | 4.28 | 4.06 | 5.23 | 4.67 |
| 9 | 4.99 | 3.64 | 4.30 | 3.56 | 4.33 | 5.83 | 5.84 | 5.14 | 4.14 | 4.67 | 5.25 | 4.56 |
| 10 | 3.93 | 4.11 | 4.22 | 3.81 | 4.40 | 5.74 | 5.50 | 6.05 | 4.36 | 4.40 | 3.32 | 4.32 |
| 11 | 3.14 | 4.28 | 3.78 | 4.18 | 4.43 | 5.76 | 5.33 | 5.27 | 4.65 | 4.23 | 2.27 | 4.26 |
| 12 | 3.62 | 4.09 | 3.99 | 4.83 | 4.47 | 6.00 | 5.14 | 4.57 | 4.36 | 3.21 | 3.79 | 4.25 |
| 13 | 4.03 | 3.84 | 4.10 | 5.83 | 4.60 | 5.92 | 4.84 | 4.43 | 4.42 | 3.46 | 3.95 | 4.91 |
| 14 | 4.32 | 4.27 | 4.60 | 4.60 | 4.61 | 6.01 | 4.37 | 4.32 | 4.36 | 4.31 | 4.51 | 5.60 |
| 15 | 4.69 | 6.10 | 4.92 | 3.64 | 4.19 | 5.44 | 4.42 | 4.31 | 4.46 | 4.63 | 5.29 | 3.67 |
| 16 | 5.49 | 5.05 | 5.22 | 3.51 | 4.23 | 5.43 | 4.46 | 4.34 | 4.88 | 4.49 | 6.47 | 2.59 |
| 17 | 6.09 | 3.91 | 6.88 | 3.98 | 4.45 | 5.85 | 4.69 | 4.21 | 4.80 | 4.21 | 4.97 | 3.56 |
| 18 | 6.54 | 3.43 | 7.99 | 4.00 | 4.51 | 6.19 | 4.70 | 4.13 | 4.71 | 4.02 | 4.66 | 4.32 |
| 19 | 4.83 | 4.08 | 6.07 | 3.99 | 4.42 | 5.21 | 4.75 | 4.03 | 4.46 | 4.31 | 4.34 | 4.72 |
| 20 | 4.31 | 4.78 | 5.50 | 3.99 | 4.52 | 5.23 | 5.15 | 3.94 | 4.33 | 4.43 | 3.54 | 4.49 |
| 21 | 5.29 | 4.59 | 5.43 | 3.79 | 4.51 | 5.28 | 4.87 | 4.02 | 4.75 | 3.15 | 3.94 | 4.40 |
| 22 | 6.44 | 5.79 | 5.45 | 3.27 | 4.47 | 5.14 | 4.92 | 3.90 | 4.48 | 4.44 | 4.88 | 4.96 |
| 23 | 4.74 | 4.60 | 6.23 | 3.44 | | 4.94 | 5.08 | 4.20 | 4.16 | 4.75 | 5.02 | 4.90 |
| 24 | 5.20 | 5.40 | 6.00 | 3.34 | | 4.82 | 5.11 | 4.38 | 4.50 | 4.99 | 5.02 | 5.23 |
| 25 | 5.21 | 5.59 | 5.19 | 3.44 | | 4.59 | 4.94 | 4.71 | 4.47 | 4.53 | 5.14 | 5.25 |
| 26 | 4.27 | 6.65 | 5.47 | 3.71 | | 4.28 | 4.83 | 4.75 | 4.61 | 4.87 | 4.54 | 5.00 |
| 27 | 4.57 | 6.16 | 5.35 | 3.81 | | 4.13 | 4.59 | 4.48 | 5.03 | 4.12 | 4.38 | 4.37 |
| 28 | 4.78 | 6.89 | 5.23 | 3.57 | | 4.79 | 4.40 | 4.27 | 5.09 | 3.88 | 3.25 | 2.96 |
| 29 | 5.02 | ----- | 5.22 | 3.74 | | 5.18 | 4.35 | 4.33 | 4.69 | 4.40 | 3.97 | 2.24 |
| 30 | 4.78 | ----- | 3.46 | 4.06 | | 5.13 | 4.28 | 4.51 | 3.69 | 4.45 | 3.96 | 3.94 |
| 31 | 4.56 | ----- | 4.06 | ----- | | ----- | 4.21 | 4.63 | ----- | 4.39 | ----- | 4.85 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 4.80 | 4.73 | 5.10 | 3.90 | 4.46 | 5.23 | 5.00 | 4.44 | 4.51 | 4.20 | 4.41 | 4.35 |
| MAX | 6.54 | 6.89 | 7.99 | 5.83 | 5.22 | 6.19 | 7.34 | 6.05 | 5.09 | 4.99 | 6.47 | 5.73 |
| MIN | 3.14 | 3.43 | 3.46 | 3.06 | 3.98 | 4.13 | 4.21 | 3.90 | 3.69 | 3.15 | 2.27 | 2.24 |
| DAYS | 31 | 28 | 31 | 30 | 22 | 28 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 354

THE MEAN STAGE FOR THE YEAR WAS 4.59.

HIGHEST STAGE WAS 7.99 ON MAR 18.

LOWEST STAGE WAS 2.24 ON DEC 29.

DAILY STAGE FOR 1987

VERMILION RIVER NEAR BANCKER, LA.

LOCATION. LAT. 29-50-21, LONG. 92-07-36. ON LEFT AND RIGHT BANKS, THREE MILES SOUTH OF BANCKER.
(STA. 6787513.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 6, 1963, TO DATE.

EXTREMES. HIGHEST, 6.72 FEET (CAUSED BY HURRICANE) ON AUG. 15, 1985. ESTIMATED LOWEST, MINUS
2.20 FEET ON NOV. 2, 1966.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.O.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|--------|--------|--------|-------|------|-------|-------|
| 1 | 2.14 | 3.27 | 2.21 | 1.52 | 1.70 | 2.04 | 2.54 | 2.03 | 2.70 | 1.89 | 2.20 | 0.85 |
| 2 | 2.00 | 2.14 | 1.95 | 1.78 | 2.25 | 1.76 | | 1.75 | 2.67 | 2.55 | 1.89 | 0.98 |
| 3 | 3.86 | 1.50 | 2.11 | -0.13 | 2.55 | 1.80 | | 2.00 | 2.70 | 1.79 | 1.86 | 0.97 |
| 4 | 1.53 | 1.75 | 1.40 | 1.00 | 1.95 | 1.80 | | 2.15 | 2.79 | 1.63 | 1.85 | 0.88 |
| 5 | 1.55 | 1.70 | 1.44 | 0.94 | 1.52 | 1.50 | | 2.39 F | 1.99 | 2.35 | 1.80 | 1.95 |
| 6 | 2.19 | 1.45 | 1.60 | 0.83 | 1.21 | 1.96 | | 1.23 | | 2.09 | 1.12 | 3.03 |
| 7 | 1.74 | 0.84 | 1.65 | 0.76 | 0.79 | 2.87 | | 1.36 | | 1.16 | 3.00 | 3.76 |
| 8 | 1.33 | 0.95 | 1.95 | 0.85 | 1.45 | 3.41 | | 3.05 | | 1.85 | 3.32 | 2.64 |
| 9 | 2.20 | 0.92 | 1.28 | 0.85 | 1.67 | 3.68 | | 3.08 F | 1.98 | 2.67 | 3.47 | 2.48 |
| 10 | 1.36 | 1.48 | 1.38 | 1.36 | 2.25 | 3.58 | | 3.72 | 2.44 | 2.35 | 1.42 | 2.33 |
| 11 | 0.55 | 1.95 | 0.93 | 1.98 | 2.47 | 3.36 | | 2.50 | 2.90 | 2.30 | -0.09 | 2.12 |
| 12 | 1.17 | 1.78 | 1.40 | 2.92 | 2.63 | 3.12 | | 1.98 | 2.43 | 0.90 | 1.90 | 2.07 |
| 13 | 1.65 | 1.60 | 1.30 | 3.89 | 2.70 | 2.85 F | 2.95 | 1.86 | 2.45 | 1.57 | 1.90 | 2.30 |
| 14 | 1.99 | 2.20 | 2.13 | 2.08 | 2.53 | 2.56 | | 1.78 | 2.47 | 2.74 | 2.35 | 2.87 |
| 15 | 2.42 | 3.50 | 2.70 | 1.43 | 1.70 | 2.10 F | 2.20 | 1.64 | 2.54 | 3.01 | 2.75 | 1.27 |
| 16 | 2.50 | 1.80 | 3.12 | 1.10 | 1.13 | 1.86 | 1.80 | 1.74 | 2.14 | 2.74 | 3.90 | 0.07 |
| 17 | 2.57 | 1.34 | 4.42 | 1.38 | 1.65 | 1.95 | 2.22 | 1.89 | 3.09 | 2.45 | 2.22 | 0.83 |
| 18 | 3.40 | 0.45 | 3.82 | 1.19 | 1.55 | 2.84 | 2.75 | 2.40 | 2.96 | 2.12 | 2.19 | 1.80 |
| 19 | 1.32 | 1.37 | 3.20 | 0.90 | 1.30 | 2.38 | 2.79 | 2.37 | | 2.24 | 1.90 | 2.08 |
| 20 | 1.81 | 1.75 | 2.56 | 0.80 | 1.47 | 2.65 | 3.37 | 2.23 | | 2.26 | 1.14 | 2.15 |
| 21 | 1.82 | 1.15 | 2.25 | 0.72 | 1.70 | 2.84 | 3.14 | 1.60 F | 2.60 | 0.55 | 1.81 | 1.84 |
| 22 | 2.07 | 1.70 | 1.90 | 0.40 | 1.92 | 2.98 | 3.00 | 2.10 | | 2.50 | 2.66 | 2.52 |
| 23 | 1.00 | 1.14 | 2.80 | 0.72 | 2.35 | 2.80 | 3.10 | 2.37 F | 1.67 | 2.50 | 2.80 | 2.77 |
| 24 | 1.80 | 2.42 | 2.60 | 0.95 | 3.03 | 2.57 | 3.04 | 2.42 | 2.51 | 2.71 | 2.85 | 3.10 |
| 25 | 2.13 | 2.25 | 1.99 | 1.15 | 3.23 | 2.10 | 2.54 | 2.70 | 2.37 | 2.20 | 3.08 | 3.20 |
| 26 | 0.98 | 3.34 | 2.55 | 1.54 | 3.40 | 1.77 | 2.37 | 2.72 | 2.66 | 2.76 | 2.75 | 2.45 |
| 27 | 1.33 | 3.25 | 2.83 | 1.98 | 3.57 | 1.10 | 2.03 F | 2.34 | 3.08 | 1.81 | 2.36 | 2.00 |
| 28 | 1.92 | 3.70 | 2.93 | 1.60 | 3.57 | 2.40 | 1.79 | 2.10 | 3.15 | 2.26 | 0.71 | 0.65 |
| 29 | 2.37 | ----- | 3.33 | 1.24 | 3.30 | 2.63 | 2.20 | 1.88 | 2.70 | 2.65 | 1.65 | -0.72 |
| 30 | 2.36 | ----- | 0.88 | 1.70 | 2.95 | 2.63 | 2.08 | 2.42 | 1.45 | 2.56 | 1.14 | 1.40 |
| 31 | 2.13 | ----- | 0.01 | ----- | 2.43 | ----- | 2.14 | 2.84 | ----- | 2.53 | ----- | 2.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|-------|-------|
| MEAN | 1.91 | 1.88 | 2.15 | 1.31 | 2.19 | 2.47 | 2.53 | 2.21 | 2.52 | 2.18 | 2.13 | 1.90 |
| MAX | 3.86 | 3.70 | 4.42 | 3.89 | 3.57 | 3.68 | 3.37 | 3.72 | 3.15 | 3.01 | 3.90 | 3.76 |
| MIN | 0.55 | 0.45 | 0.01 | -0.13 | 0.79 | 1.10 | 1.79 | 1.23 | 1.45 | 0.55 | -0.09 | -0.72 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 19 | 31 | 24 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 347

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.10.

HIGHEST STAGE WAS 5.34 AT 4:00 A.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.81 ON DEC 29.

DAILY STAGE FOR 1987

BAYOU NEZPIQUE NEAR BASILE, LA

LOCATION. LAT. 30-28-50, LONG. 92-37-55. U. S. HIGHWAY 190 BRIDGE, TWO MILES WEST OF BASILE.
(STA. 7007516.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. DRAINAGE AREA, 527
SQUARE MILES.RECORDS AVAILABLE. STAGE, OCT. 1938 TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1946. DAILY
DISCHARGE IS COMPUTED AND PUBLISHED BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 34.39 FEET ON MAY 20, 1953. LOWEST, 0.98 FOOT ON OCT. 18, 1987.

MEAN DAILY STAGE IN FEET

GAGE ZERO, 3.39 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 1 | 17.18 | 9.74 | 22.07 | 6.88 | 3.10 | 5.17 | 11.40 | 3.84 | 3.22 | 1.52 | 1.52 | 13.38 |
| 2 | 15.04 | 7.27 | 21.72 | 5.81 | 2.90 | 4.50 | 14.42 | 3.85 | 2.95 | 1.37 | 1.51 | 11.24 |
| 3 | 11.56 | 5.95 | 21.24 | 5.97 | 3.14 | 3.94 | 15.08 | 3.40 | 2.71 | 1.26 | 1.52 | 8.88 |
| 4 | 13.44 | 5.56 | 20.69 | 5.76 | 3.59 | 3.51 | 14.49 | 3.15 | 2.80 | 1.18 | 1.47 | 6.56 |
| 5 | 16.10 | 6.30 | 19.99 | 5.17 | 3.96 | 3.14 | 12.82 | 3.18 | 2.74 | 1.21 | 1.40 | 4.88 |
| 6 | 16.16 | 7.14 | 19.18 | 4.82 | 4.32 | 2.92 | 10.39 | 3.12 | 2.44 | 1.22 | 1.34 | 3.98 |
| 7 | 15.07 | 6.90 | 18.22 | 4.60 | 4.33 | 2.74 | 7.47 | 3.11 | 2.20 | 1.21 | 1.30 | 7.58 |
| 8 | 13.46 | 6.61 | 16.83 | 4.85 | 4.27 | 2.56 | 7.75 | 3.23 | 2.04 | 1.18 | 1.27 | 13.42 |
| 9 | 11.20 | 6.23 | 13.67 | 4.76 | 5.33 | 2.46 | 9.76 | 3.92 | 1.88 | 1.17 | 1.84 | 14.58 |
| 10 | 9.28 | 5.69 | 10.02 | 4.54 | 9.97 | 2.49 | 11.91 | 6.65 | 1.86 | 1.17 | 3.51 | 13.82 |
| 11 | 8.75 | 5.19 | 8.05 | 4.56 | 12.45 | 3.27 | 10.62 | 13.94 | 1.79 | 1.16 | 3.27 | 11.69 |
| 12 | 7.90 | 4.74 | 6.87 | 4.29 | 10.67 | 4.03 | 9.09 | 16.68 | 1.77 | 1.12 | 2.54 | 8.92 |
| 13 | 7.05 | 4.22 | 5.96 | 4.16 | 8.35 | 5.15 | 6.72 | 17.74 | 2.08 | 1.08 | 2.08 | 6.68 |
| 14 | 6.36 | 3.78 | 5.27 | 3.81 | 7.38 | 9.92 | 5.32 | 17.08 | 2.36 | 1.05 | 1.83 | 5.29 |
| 15 | 6.08 | 5.22 | 4.80 | 4.03 | 7.10 | 11.62 | 7.19 | 14.82 | 2.40 | 1.02 | 1.65 | 4.47 |
| 16 | 7.73 | 13.48 | 4.46 | 4.25 | 9.65 | 10.38 | 8.70 | 10.87 | 2.59 | 0.99 | 2.02 | 4.11 |
| 17 | 14.42 | 16.09 | 5.98 | 3.89 | 9.53 | 9.08 | 7.47 | 7.20 | 3.64 | 0.99 | 8.69 | 3.67 |
| 18 | 20.10 | 15.82 | 15.98 | 3.60 | 9.65 | 9.23 | 7.17 | 4.85 | 4.76 | 0.98 | 12.09 | 3.27 |
| 19 | 22.71 | 14.59 | 19.63 | 3.57 | 9.12 | 10.41 | 6.49 | 3.67 | 4.26 | 0.99 | 10.98 | 3.14 |
| 20 | 23.58 | 13.05 | 20.35 | 3.78 | 7.13 | 9.64 | 5.43 | 3.21 | 3.80 | 1.01 | 8.99 | 7.54 |
| 21 | 23.51 | 14.04 | 20.34 | 4.14 | 5.36 | 7.69 | 4.66 | 2.99 | 3.36 | 1.03 | 7.51 | 12.70 |
| 22 | 23.49 | 16.86 | 20.01 | 4.42 | 4.36 | 6.10 | 4.73 | 2.95 | 2.85 | 1.06 | 6.44 | 15.67 |
| 23 | 23.16 | 18.69 | 19.62 | 4.13 | 3.80 | 5.92 | 5.24 | 2.74 | 2.38 | 1.11 | 5.06 | 16.95 |
| 24 | 22.51 | 19.29 | 19.54 | 3.88 | 3.50 | 6.07 | 5.02 | 2.56 | 2.07 | 1.12 | 3.79 | 16.75 |
| 25 | 21.79 | 19.82 | 19.64 | 3.72 | 3.48 | 6.28 | 4.63 | 2.26 | 1.86 | 1.10 | 3.02 | 15.58 |
| 26 | 21.10 | 20.91 | 19.40 | 3.55 | 5.70 | 6.41 | 4.36 | 2.35 | 1.71 | 1.15 | 3.61 | 13.30 |
| 27 | 20.37 | 21.92 | 18.70 | 3.34 | 8.45 | 5.69 | 4.06 | 2.54 | 1.61 | 1.21 | 5.26 | 10.83 |
| 28 | 19.50 | 22.20 | 17.71 | 3.07 | 8.88 | 4.51 | 3.77 | 2.10 | 1.55 | 1.54 | 10.76 | 10.17 |
| 29 | 18.42 | ----- | 16.33 | 3.06 | 7.62 | 3.69 | 3.92 | 2.48 | 1.55 | 1.91 | 14.81 | 9.80 |
| 30 | 16.75 | ----- | 13.43 | 3.20 | 6.41 | 4.64 | 3.79 | 4.28 | 1.54 | 1.77 | 14.96 | 8.93 |
| 31 | 13.48 | ----- | 9.54 | ----- | 5.79 | ----- | 3.76 | 3.93 | ----- | 1.65 | ----- | 7.86 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|-------|-------|-------|-------|------|------|-------|-------|
| MEAN | 15.72 | 11.33 | 15.33 | 4.32 | 6.43 | 5.77 | 7.67 | 5.76 | 2.49 | 1.21 | 4.87 | 9.54 |
| MAX | 23.58 | 22.20 | 22.07 | 6.88 | 12.45 | 11.62 | 15.08 | 17.74 | 4.76 | 1.91 | 14.96 | 16.95 |
| MIN | 6.08 | 3.78 | 4.46 | 3.06 | 2.90 | 2.46 | 3.76 | 2.10 | 1.54 | 0.98 | 1.27 | 3.14 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 7.54

HIGHEST STAGE WAS 23.63 AT 11:00 A.M. ON JAN 20

LOWEST STAGE WAS 0.98 ON OCT 18

DAILY STAGE FOR 1987

BAYOU DES CANNES NEAR EUNICE, LA

LOCATION. LAT. 30-29-00, LONG. 92-29-25. U. S. HIGHWAY 190 BRIDGE, FOUR MILES WEST OF EUNICE.
(STA. 7015016.)

GAGE AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. DRAINAGE AREA, 131
SQUARE MILES.

RECORDS AVAILABLE. STAGE, OCT. 1938 TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1946. DAILY
DISCHARGE IS COMPUTED AND PUBLISHED BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 22.36 FEET ON MAY 20, 1953. LOWEST NOT DETERMINED.

MEAN DAILY STAGE IN FEET

GAGE ZERO, 14.84 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 1 | 2.79 | 2.78 | 12.60 | 3.06 | 2.39 | 3.13 | 7.14 | 4.21 | 2.47 | | | 2.74 |
| 2 | 2.57 | 2.75 | 6.42 | 4.66 | 2.15 | 2.76 | 10.20 | 3.20 | 2.03 | | | 2.21 |
| 3 | 6.38 | 2.57 | 4.20 | 4.24 | 2.85 | 2.50 | 5.82 | 2.45 | 1.93 | | | 1.96 |
| 4 | 15.16 | 2.53 | 3.36 | 3.01 | 2.70 | 2.41 | 3.77 | 2.50 | | | | 1.90 |
| 5 | 12.29 | 3.84 | 2.90 | 2.74 | 2.77 | 2.81 | 2.90 | 3.89 | | | | 1.90 |
| 6 | 6.05 | 3.36 | 2.54 | 2.32 | 3.03 | 2.05 | 2.70 | 5.29 | | | | 1.91 |
| 7 | 4.31 | 3.23 | 2.48 | 2.24 | 2.91 | 1.91 | 11.97 | 5.02 | | | | 11.04 |
| 8 | 3.64 | 2.82 | 3.14 | 2.10 | 3.49 | | 10.81 | 3.76 | | | | 12.78 |
| 9 | 3.08 | 2.41 | 3.47 | 2.58 | 7.09 | | 11.36 | 2.91 | | | 2.78 | 7.44 |
| 10 | 3.34 | 2.12 | 2.67 | 2.87 | 10.04 | | 7.48 | 7.32 | | | 4.63 | 4.22 |
| 11 | 3.12 | 1.96 | 2.26 | 2.83 | 6.04 | 1.94 | 4.86 | 13.47 | | | 2.62 | 3.24 |
| 12 | 2.52 | 1.85 | 2.23 | 2.95 | 4.28 | 1.96 | 3.66 | 14.67 | | | 1.88 | 2.68 |
| 13 | 2.22 | 1.77 | 2.04 | 3.36 | 3.33 | 4.56 | 2.85 | 11.77 | 2.16 | | | |
| 14 | 2.56 | 1.78 | 2.12 | 3.78 | 2.82 | 9.27 | 6.08 | 6.22 | 2.02 | | | |
| 15 | 3.21 | 8.23 | 2.05 | 3.15 | 7.85 | 5.51 | 6.80 | 3.75 | | | | |
| 16 | 8.31 | 14.79 | 1.87 | 2.63 | 7.02 | 6.78 | 4.04 | 2.78 | | | | |
| 17 | 14.18 | 9.36 | 5.59 | 2.81 | 9.22 | 5.97 | 3.80 | 2.22 | | | 11.92 | |
| 18 | 17.84 | 4.14 | 16.50 | 2.75 | 6.71 | 6.92 | 4.13 | 2.34 | | | 7.01 | 1.75 |
| 19 | 18.34 | 3.06 | 16.24 | 3.60 | 3.95 | 4.46 | 3.80 | 2.31 | | | 3.39 | 3.52 |
| 20 | 17.78 | 5.24 | 12.05 | 2.96 | 3.76 | 2.87 | 3.10 | 2.13 | | | 2.42 | 8.89 |
| 21 | 15.45 | 13.01 | 5.52 | 3.63 | 3.01 | 2.66 | 4.00 | | | | 2.09 | 9.73 |
| 22 | 16.04 | 14.72 | 3.62 | 3.27 | 2.49 | 7.60 | 4.82 | | | | 1.92 | 15.75 |
| 23 | 14.08 | 13.56 | 4.71 | 2.94 | 5.46 | 4.43 | 4.91 | | | | | 11.28 |
| 24 | 8.57 | 9.34 | 13.31 | 2.88 | 5.01 | 2.57 | 4.23 | | | | | 5.05 |
| 25 | 7.23 | 15.03 | 10.06 | 2.48 | 6.21 | 2.20 | 3.80 | | | | | 4.08 |
| 26 | 5.54 | 16.56 | 4.78 | 2.15 | 7.92 | 2.01 | 3.14 | | | | 3.34 | 3.65 |
| 27 | 4.34 | 17.06 | 3.67 | 2.78 | 9.30 | | 2.62 | | | 4.04 | 3.79 | 3.85 |
| 28 | 3.70 | 15.62 | 3.88 | 3.13 | 10.31 | | 3.05 | | | 2.95 | 10.28 | 3.79 |
| 29 | 3.20 | ----- | 4.08 | 2.84 | 7.40 | | 3.76 | 6.26 | | 2.28 | 6.77 | 3.10 |
| 30 | 2.91 | ----- | 5.99 | 2.35 | 6.38 | | 3.27 | 4.66 | | 1.87 | 3.75 | 2.72 |
| 31 | 2.79 | ----- | 3.67 | ----- | 7.35 | ----- | 6.35 | 2.89 | ----- | | ----- | 2.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|-------|------|-------|-------|------|------|-------|-------|
| MEAN | 7.53 | 6.98 | 5.48 | 2.97 | 5.33 | 3.88 | 5.20 | 5.04 | 2.12 | 2.79 | 4.57 | 5.15 |
| MAX | 18.34 | 17.06 | 16.50 | 4.66 | 10.31 | 9.27 | 11.97 | 14.67 | 2.47 | 4.04 | 11.92 | 15.75 |
| MIN | 2.22 | 1.77 | 1.87 | 2.10 | 2.15 | 1.91 | 2.62 | 2.13 | 1.93 | 1.87 | 1.88 | 1.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 23 | 31 | 23 | 5 | 4 | 15 | 26 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 278
THE MEAN STAGE FOR THE YEAR WAS 5.19
HIGHEST STAGE WAS 18.39 AT 8 00 A.M. ON JAN 19
LOWEST STAGE WAS 1.75 ON DEC 18

DAILY STAGE FOR 1987

BAYOU PLAQUEMINE BRULE AT ESTERWOOD, LA.

LOCATION: LAT. 30-11-52, LONG. 92-27-48. ON INTAKE PIPE SUPPORT AT ESTERWOOD PUMPING PLANT.
(STA. 7030016.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. AUG. 24, 1947, TO DATE.

EXTREMES HIGHEST, 20.55 FEET (FROM WATERMARK) IN AUG. 1940. LOWEST, MINUS 2.1 FEET ON JULY 13, 1951 AND (FROM INCOMPLETE RECORD) ON MAY 31, 1978.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 4.3 | 4.0 | 7.0 | 3.5 | 2.6 | 3.3 | 4.5 | 3.4 | 3.0 | 2.7 | 2.8 | 3.4 |
| 2 | 4.2 | 4.0 | 6.2 | 3.5 | 2.9 | 3.2 | 4.9 | 3.4 | 2.9 | 2.8 | 2.7 | 3.1 |
| 3 | 4.1 | 3.8 | 5.4 | 3.4 | 2.7 | 3.1 | 4.2 | 3.1 | 2.9 | 2.6 | 2.6 | 3.3 |
| 4 | 4.8 | 3.6 | 4.9 | 3.4 | 2.8 | 3.0 | 4.0 | 3.0 | 2.9 | 2.5 | 2.6 | 3.2 |
| 5 | 4.4 | 3.6 | 4.5 | 3.3 | 2.8 | 3.0 | 3.9 | 3.0 | 2.9 | 2.7 | 2.6 | 3.1 |
| 6 | 4.0 | 3.7 | 4.3 | 3.2 | 2.9 | 3.0 | 3.8 | 3.1 | 2.9 | 2.7 | 2.4 | 3.2 |
| 7 | 4.1 | 3.6 | 4.1 | 3.2 | 2.9 | 3.0 | 4.1 | 2.9 | 2.9 | 2.5 | 2.6 | 4.0 |
| 8 | 3.8 | 3.4 | 3.9 | 3.1 | 2.8 | 3.1 | 4.3 | 2.8 | 2.9 | 2.6 | 2.6 | 4.5 |
| 9 | 3.8 | 3.2 | 3.9 | 3.2 | 2.8 | 3.2 | 4.6 | 2.8 | 2.8 | 2.7 | 2.9 | 3.8 |
| 10 | 3.6 | 3.2 | 3.7 | 3.1 | 3.3 | 3.2 | 4.5 | 3.5 | 2.9 | 2.6 | 2.7 | 3.6 |
| 11 | 3.6 | 3.3 | 3.7 | 3.2 | 3.0 | 3.4 | 4.1 | 5.1 | 3.0 | 2.6 | 2.6 | 3.6 |
| 12 | 3.4 | 3.1 | 3.5 | 3.3 | 3.0 | 3.4 | 4.2 | 4.7 | 2.9 | 2.4 | 2.5 | 3.6 |
| 13 | 3.4 | 3.1 | 3.4 | 3.4 | 3.1 | 3.7 | 4.0 | 4.2 | 3.0 | 2.2 | 2.6 | 3.4 |
| 14 | 3.4 | 3.1 | 3.5 | 3.1 | 3.3 | 4.8 | 4.4 | 3.8 | 3.0 | 2.5 | 2.6 | 3.6 |
| 15 | 3.5 | 3.2 | 3.4 | 3.0 | 3.1 | 5.1 | 5.4 | 3.7 | 3.0 | 2.7 | 2.8 | 3.4 |
| 16 | 3.6 | 4.5 | 3.4 | 3.0 | 3.6 | 5.2 | 4.4 | 3.9 | 2.9 | 2.5 | 3.0 | 3.2 |
| 17 | 5.0 | 3.8 | 3.6 | 2.9 | 3.4 | 5.5 | 3.9 | 3.6 | 3.0 | 2.5 | 4.1 | 3.2 |
| 18 | 6.5 | 3.3 | 5.6 | 2.9 | 3.1 | 5.9 | 3.9 | 3.4 | 3.0 | 2.5 | 3.6 | 3.2 |
| 19 | 7.6 | 3.4 | 5.8 | 3.0 | 3.1 | 5.0 | 3.7 | 3.3 | 3.1 | 2.5 | 3.2 | 3.2 |
| 20 | 7.8 | 3.3 | 4.7 | | 3.0 | 4.3 | 3.8 | 3.1 | 3.1 | 2.6 | 3.1 | 3.3 |
| 21 | 7.7 | 3.7 | 4.2 | | 3.0 | 4.1 | 3.8 | 3.0 | 3.0 | 2.3 | 3.0 | 3.8 |
| 22 | 8.0 | 5.4 | 4.0 | | 2.9 | 5.1 | 3.6 | 3.0 | 3.0 | 2.3 | 3.0 | 5.5 |
| 23 | 8.0 | 5.5 | 4.2 | | 3.0 | 4.1 | 3.8 | 3.0 | 2.9 | 2.5 | 3.0 | 5.3 |
| 24 | 7.2 | 4.5 | 5.0 | | 3.0 | 3.8 | 3.8 | 3.0 | 2.8 | 2.5 | 3.0 | 4.1 |
| 25 | 6.4 | 5.2 | 4.9 | | 3.5 | 3.9 | 3.7 | 2.9 | 2.9 | 2.5 | 3.0 | 3.9 |
| 26 | 5.9 | 6.2 | 4.0 | 2.8 | 3.4 | 3.8 | 3.6 | 3.0 | 2.9 | 2.5 | 3.1 | 3.9 |
| 27 | 5.2 | 6.8 | 3.9 | 2.7 | 3.4 | 3.7 | 3.5 | 3.0 | 2.9 | 2.6 | 3.0 | 4.0 |
| 28 | 4.9 | 7.0 | 3.9 | 2.6 | 3.3 | 3.6 | 3.7 | 3.0 | 2.9 | 2.6 | 3.3 | 3.6 |
| 29 | 4.6 | ----- | 3.8 | 2.7 | 3.4 | 3.6 | 3.5 | 3.0 | 2.9 | 2.7 | 3.2 | 3.3 |
| 30 | 4.5 | ----- | 3.5 | 2.7 | 3.3 | 3.7 | 3.5 | 3.1 | 2.8 | 2.8 | 3.4 | 3.3 |
| 31 | 4.2 | ----- | 3.5 | ----- | 3.2 | ----- | 3.5 | 3.1 | ----- | 2.8 | ----- | 3.3 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MEAN | 5.0 | 4.1 | 4.3 | 3.1 | 3.1 | 3.9 | 4.0 | 3.3 | 2.9 | 2.6 | 2.9 | 3.6 |
| MAX | 8.0 | 7.0 | 7.0 | 3.5 | 3.6 | 5.9 | 5.4 | 5.1 | 3.1 | 2.8 | 4.1 | 5.5 |
| MIN | 3.4 | 3.1 | 3.4 | 2.6 | 2.6 | 3.0 | 3.5 | 2.8 | 2.8 | 2.2 | 2.4 | 3.1 |
| DAYS | 31 | 28 | 31 | 24 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

THE MEAN STAGE FOR THE YEAR WAS 3.6

HIGHEST STAGE WAS 8.1 AT 4:00 P. M. ON JAN 22

LOWEST STAGE WAS 2.2 ON OCT 13 AND LATER DATE(S).

DAILY STAGE FOR 1987

MERMENTAU RIVER AT MERMENTAU, LA.

LOCATION. LAT. 30-11-21, LONG. 92-35-26. ON SOUTHERN PACIFIC RAILROAD BRIDGE. (STA. 7037516.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY SINCE JAN. 1985. STAGES FROM JAN. 1 THRU FEB. 17, 1974 WERE OBTAINED FROM THE NATIONAL WEATHER SERVICE, FEB. 17, 1974 THRU DEC. 31, 1984 FROM THE U.S. ARMY CORPS OF ENGINEERS. PRIOR TO 1985 GAGE ZERO WAS AT M.L.G.

RECORDS AVAILABLE. AUG. 28, 1941, TO DATE.

EXTREMES. HIGHEST, 13.1 FEET (FROM WATERMARK) IN AUG. 1940. LOWEST, MINUS 2.30 FOOT ON JULY 13, 1951. EXTREMES HAVE BEEN ADJUSTED TO PRESENT DATUM.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT 0.58 NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.43 | 2.47 | 4.06 | 1.95 | 1.08 | 1.62 | 2.34 | 1.97 | 1.42 | 1.11 | | 1.58 |
| 2 | 2.51 | 2.38 | 3.82 | 1.93 | 1.17 | 1.59 | 2.44 | 1.96 | 1.41 | 1.17 | | 1.60 |
| 3 | 2.66 | 2.14 | 3.43 | 1.65 | 1.19 | 1.51 | 2.38 | 1.96 | 1.41 | 0.92 | | 1.68 |
| 4 | 2.58 | 2.01 | 3.04 | 1.74 | 1.20 | 1.40 | 2.37 | 1.96 | 1.39 | 1.02 | | 1.53 |
| 5 | 2.46 | 1.94 | 2.76 | 1.71 | 1.19 | 1.40 | 2.32 | 1.96 | 1.39 | 1.09 | | 1.57 |
| 6 | 2.43 | 1.91 | 2.58 | 1.67 | 1.18 | 1.42 | 2.26 | 1.96 | 1.38 | 1.02 | | 1.63 |
| 7 | 2.38 | 1.66 | 2.42 | 1.60 | 1.14 | 1.47 | 2.35 | 1.96 | 1.36 | 0.97 | | 1.91 |
| 8 | 2.27 | 1.70 | 2.31 | 1.57 | 1.19 | 1.50 | 2.53 | 1.96 | 1.33 | 1.03 | | 2.02 |
| 9 | 2.27 | 1.49 | 2.25 | 1.55 | 1.22 | 1.58 | 2.62 | 1.95 | 1.34 | 1.08 | | 1.94 |
| 10 | 2.10 | 1.59 | 2.05 | 1.57 | 1.37 | 1.66 | 2.59 | 1.96 | 1.38 | 1.01 | | 1.93 |
| 11 | 1.90 | 1.60 | 1.84 | 1.55 | 1.38 | 1.89 | 2.51 | 1.96 | 1.33 | 0.92 | | 2.02 |
| 12 | 1.88 | 1.50 | 1.82 | 1.60 | 1.40 | 2.10 | 2.45 | 1.94 | 1.35 | 0.77 | | 1.90 |
| 13 | 1.78 | 1.47 | 1.78 | 1.75 | 1.41 | 2.17 | 2.36 | 1.93 | 1.29 | 0.86 | 1.09 | 1.87 |
| 14 | 1.78 | 1.54 | 1.87 | 1.54 | 1.50 | 2.28 | 2.42 | 1.84 | 1.35 | 0.95 | 1.13 | 2.04 |
| 15 | 1.75 | 1.77 | 1.85 | 1.37 | 1.43 | 2.39 | 2.51 | 1.75 | 1.37 | 0.99 | 1.27 | 1.72 |
| 16 | 1.92 | 1.83 | 1.86 | 1.25 | 1.43 | 2.46 | 2.36 | 1.73 | 1.36 | 0.96 | 1.67 | 1.55 |
| 17 | 2.34 | 1.73 | 2.26 | 1.35 | 1.48 | 2.59 | 2.25 | 1.71 | 1.43 | | 1.66 | 1.56 |
| 18 | 3.13 | 1.65 | 2.62 | 1.33 | 1.48 | 2.70 | 2.17 | 1.69 | 1.40 | | 1.56 | 1.59 |
| 19 | 3.62 | 1.67 | 2.64 | 1.34 | 1.45 | 2.67 | 2.04 | 1.67 | 1.41 | | 1.48 | 1.71 |
| 20 | 3.91 | 1.69 | 2.54 | 1.33 | 1.43 | 2.53 | 2.04 | 1.66 | 1.36 | | 1.40 | 1.63 |
| 21 | 4.32 | 1.78 | 2.47 | 1.28 | 1.36 | 2.45 | 2.05 | 1.64 | 1.43 | | 1.45 | 1.79 |
| 22 | 4.89 | 2.15 | 2.47 | 1.13 | 1.33 | 2.43 | 2.05 | 1.61 | 1.35 | | 1.51 | 2.15 |
| 23 | 4.93 | 2.28 | 2.64 | 1.13 | 1.38 | 2.29 | 2.05 | 1.56 | 1.27 | | 1.51 | 2.25 |
| 24 | 4.68 | 2.35 | 2.68 | 1.06 | 1.47 | 2.17 | 2.05 | 1.55 | 1.35 | | 1.48 | 2.27 |
| 25 | 4.23 | 2.58 | 2.56 | 1.06 | 1.59 | 2.19 | 2.04 | 1.53 | 1.33 | | 1.47 | 2.33 |
| 26 | 3.77 | 3.07 | 2.38 | 1.06 | 1.62 | 2.12 | 2.00 | 1.51 | 1.34 | | 1.45 | 2.31 |
| 27 | 3.39 | 3.44 | 2.36 | 1.09 | 1.72 | 1.94 | 2.00 | 1.50 | 1.34 | | 1.42 | 2.16 |
| 28 | 3.11 | 3.87 | 2.34 | 1.02 | 1.74 | 1.94 | 2.00 | 1.49 | 1.33 | | 1.49 | 1.91 |
| 29 | 2.91 | ----- | 2.23 | 1.05 | 1.68 | 1.97 | 1.99 | 1.47 | 1.22 | | 1.58 | 1.60 |
| 30 | 2.69 | ----- | 1.88 | 1.05 | 1.61 | 2.08 | 1.99 | 1.45 | 1.05 | | 1.64 | 1.66 |
| 31 | 2.49 | ----- | 1.89 | ----- | 1.60 | ----- | 1.99 | 1.44 | ----- | | ----- | 1.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.89 | 2.04 | 2.44 | 1.41 | 1.40 | 2.02 | 2.24 | 1.75 | 1.35 | 0.99 | 1.46 | 1.84 |
| MAX | 4.93 | 3.87 | 4.06 | 1.95 | 1.74 | 2.70 | 2.62 | 1.97 | 1.43 | 1.17 | 1.67 | 2.33 |
| MIN | 1.75 | 1.47 | 1.78 | 1.02 | 1.08 | 1.40 | 1.99 | 1.44 | 1.05 | 0.77 | 1.09 | 1.53 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 16 | 18 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 338

THE MEAN STAGE FOR THE YEAR WAS 1.87.

HIGHEST STAGE WAS 4.98 ON JAN 23.

LOWEST STAGE WAS 0.64 ON OCT 12.

DAILY STAGE FOR 1987

MERMENTAU RIVER AT LAKE ARTHUR, LA.

LOCATION. LAT. 30-04-18. LONG. 92-38-55. ON WALK LEADING TO MAGNOLIA OIL CO. WHARF, 1.1 MILES
UPSTREAM FROM HIGHWAY 14 BRIDGE (STA. 7052316.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY SINCE JAN. 1985. PRIOR TO 1985
GAGE READ AND MAINTAINED BY U.S. ARMY CORPS OF ENGINEERS. PRIOR TO 1985 GAGE ZERO WAS AT M.L.G.

RECORDS AVAILABLE. INTERMITTENTLY, 1952 TO 1955 DAILY, MAR. 30, 1956, TO DATE.

EXTREMES. HIGHEST, 5.64 FEET (CAUSED BY HURRICANE) ON NOV. 3, 1985. LOWEST, MINUS 2.73 FOOT
ON JUNE 17, 1963. EXTREMES HAVE BEEN ADJUSTED TO PRESENT DATUM.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 1.78 NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.67 | 3.55 | 4.39 | 3.06 | 2.20 | 2.75 | 3.39 | 2.70 | 2.53 | 2.26 | 2.20 | 2.70 |
| 2 | 3.58 | 3.44 | 4.26 | 3.02 | 2.30 | 2.72 | 3.46 | 2.63 | 2.52 | 2.32 | 2.16 | 2.72 |
| 3 | 3.71 | 3.25 | 4.05 | 2.79 | 2.32 | 2.63 | 3.45 | 2.58 | 2.53 | 2.07 | 2.12 | 2.79 |
| 4 | 3.52 | 3.13 | 3.80 | 2.87 | 2.33 | 2.55 | 3.45 | 2.54 | 2.53 | 2.17 | 2.08 | 2.67 |
| 5 | 3.50 | 3.06 | 3.66 | 2.84 | 2.31 | 2.54 | 3.40 | 2.51 | 2.53 | 2.23 | 1.99 | 2.72 |
| 6 | 3.50 | 3.01 | 3.55 | 2.78 | 2.30 | 2.57 | 3.36 | 2.50 | 2.51 | 2.16 | 2.01 | 2.77 |
| 7 | 3.44 | 2.76 | 3.42 | 2.72 | 2.27 | 2.62 | 3.45 | 2.54 | 2.50 | 2.11 | 2.14 | 2.94 |
| 8 | 3.33 | 2.80 | 3.36 | 2.69 | 2.31 | 2.64 | 3.62 | 2.61 | 2.47 | 2.17 | 2.19 | 3.05 |
| 9 | 3.35 | 2.62 | 3.31 | 2.67 | 2.35 | 2.71 | 3.69 | 2.62 | 2.49 | 2.21 | 2.37 | 3.03 |
| 10 | 3.18 | 2.71 | 3.11 | 2.68 | 2.48 | 2.80 | 3.67 | 3.02 | 2.52 | 2.15 | 2.03 | 3.03 |
| 11 | 3.00 | 2.72 | 2.95 | 2.67 | 2.49 | 3.03 | 3.61 | 3.27 | 2.48 | 2.06 | 2.06 | 3.11 |
| 12 | 2.99 | 2.62 | 2.94 | 2.71 | 2.51 | 3.22 | 3.55 | 3.26 | 2.49 | 1.92 | 2.22 | 3.00 |
| 13 | 2.90 | 2.58 | 2.91 | 2.86 | 2.53 | 3.28 | 3.47 | 3.18 | 2.44 | 2.00 | 2.23 | 3.00 |
| 14 | 2.89 | 2.66 | 2.98 | 2.63 | 2.60 | 3.34 | 3.48 | 3.10 | 2.49 | 2.09 | 2.27 | 3.16 |
| 15 | 2.87 | 2.85 | 2.97 | 2.49 | 2.53 | 3.42 | 3.51 | 3.02 | 2.51 | 2.13 | 2.41 | 2.82 |
| 16 | 2.99 | 2.83 | 3.00 | 2.38 | 2.52 | 3.48 | 3.42 | 2.99 | 2.51 | 2.10 | 2.75 | 2.69 |
| 17 | 3.28 | 2.77 | 3.35 | 2.47 | 2.57 | 3.59 | 3.35 | 2.90 | 2.56 | 2.06 | 2.73 | 2.70 |
| 18 | 3.80 | 2.73 | 3.54 | 2.45 | 2.59 | 3.69 | 3.29 | 2.78 | 2.54 | 2.05 | 2.67 | 2.73 |
| 19 | 4.05 | 2.76 | 3.55 | 2.46 | 2.56 | 3.71 | 3.17 | 2.67 | 2.55 | 2.07 | 2.60 | 2.84 |
| 20 | 4.16 | 2.77 | 3.52 | 2.46 | 2.55 | 3.62 | 3.18 | 2.63 | 2.52 | 2.00 | 2.52 | 2.76 |
| 21 | 4.34 | 2.82 | 3.49 | 2.40 | 2.49 | 3.55 | 3.16 | 2.62 | 2.58 | 1.64 | 2.58 | 2.85 |
| 22 | 4.69 | 3.07 | 3.49 | 2.26 | 2.46 | 3.49 | 3.16 | 2.55 | 2.50 | 1.97 | 2.65 | 3.11 |
| 23 | 4.80 | 3.19 | 3.66 | 2.26 | 2.51 | 3.39 | 3.16 | 2.54 | 2.43 | 2.00 | 2.64 | 3.24 |
| 24 | 4.76 | 3.28 | 3.61 | 2.19 | 2.59 | 3.29 | 3.15 | 2.52 | 2.49 | 2.06 | 2.62 | 3.32 |
| 25 | 4.56 | 3.43 | 3.50 | 2.20 | 2.70 | 3.29 | 3.12 | 2.54 | 2.48 | 2.04 | 2.60 | 3.39 |
| 26 | 4.31 | 3.78 | 3.41 | 2.19 | 2.74 | 3.23 | 3.09 | 2.55 | 2.49 | 2.15 | 2.59 | 3.38 |
| 27 | 4.14 | 4.01 | 3.40 | 2.22 | 2.84 | 3.07 | 3.05 | 2.53 | 2.48 | 2.09 | 2.55 | 3.22 |
| 28 | 3.97 | 4.39 | 3.39 | 2.14 | 2.86 | 3.08 | 2.96 | 2.46 | 2.47 | 2.18 | 2.60 | 2.99 |
| 29 | 3.86 | ----- | 3.24 | 2.18 | 2.79 | 3.11 | 2.89 | 2.49 | 2.37 | 2.28 | 2.70 | 2.72 |
| 30 | 3.67 | ----- | 2.92 | 2.17 | 2.73 | 3.19 | 2.83 | 2.54 | 2.20 | 2.28 | 2.75 | 2.80 |
| 31 | 3.54 | ----- | 2.98 | ----- | 2.72 | ----- | 2.77 | 2.55 | ----- | 2.26 | ----- | 2.87 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.69 | 3.06 | 3.41 | 2.53 | 2.52 | 3.12 | 3.30 | 2.71 | 2.49 | 2.11 | 2.40 | 2.94 |
| MAX | 4.80 | 4.39 | 4.39 | 3.06 | 2.86 | 3.71 | 3.69 | 3.27 | 2.58 | 2.32 | 2.75 | 3.39 |
| MIN | 2.87 | 2.58 | 2.91 | 2.14 | 2.20 | 2.54 | 2.77 | 2.46 | 2.20 | 1.64 | 1.99 | 2.67 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
THE MEAN STAGE FOR THE YEAR WAS 2.86
HIGHEST STAGE WAS 4.84 AT 4:45 P.M. ON JAN 23
LOWEST STAGE WAS 1.49 ON OCT 21.

DAILY STAGE FOR 1987

MERMENTAU RIVER AT LACASSINE REFUGE (LA.)

LOCATION: LAT. 30-00-09, LONG. 92-46-52. ON DOCK AT LACASSINE WILDLIFE REFUGE HEADQUARTERS.
(STA. 7060016.)

GAGE: AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE: JUNE 25, 1947, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES: HIGHEST, 6.50 FEET (CAUSED BY HURRICANE) ON NOV 04, 1985. LOWEST (FROM INCOMPLETE RECORD) MINUS 0.47 FOOT ON JUNE 10, AND LATER DATES IN 1951.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT M. L. 2.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|-------|--------|-------|------|------|--------|------|---------|------|
| 1 | 3.91 | 3.77 | 4.08 | 3.20 | 2.30 | 3.01 | 3.48 | 2.95 | 2.82 | 2.36 | 2.43 | 2.91 |
| 2 | 3.83 | 3.62 | 4.06 | 3.24 | 2.35 | 2.97 | 3.61 | 2.89 | 2.79 | 2.48 | 2.41 | 2.93 |
| 3 | 3.98 | 3.51 | 3.99 | 2.99 | 2.55 F | 2.95 | 3.62 | 2.85 | 2.82 | 2.31 | 2.38 F | 2.98 |
| 4 | 3.61 | 3.40 F | 3.84 | 3.07 | 2.65 | 2.86 | 3.61 | 2.75 | | 2.32 | 2.33 | 2.95 |
| 5 | 3.65 | 3.35 | 3.80 | 3.06 | 2.63 | 2.90 | 3.59 | 2.73 | 2.71 | 2.35 | 2.31 | 3.00 |
| 6 | 3.70 | 3.27 | 3.81 | 2.91 | 2.42 | 2.89 | 3.59 | 2.71 | 2.74 | 2.35 | 2.26 | 3.03 |
| 7 | 3.66 | 2.91 | 3.67 | 2.86 | 2.40 | 2.92 | 3.67 | 2.77 | 2.69 | 2.29 | 2.39 | 3.10 |
| 8 | 3.58 | 2.99 | 3.61 | 2.84 | 2.56 | 2.94 | 3.85 | 2.82 | 2.67 | 2.31 | 2.41 | 3.21 |
| 9 | 3.61 | 2.87 | 3.53 | 2.82 | 2.63 | 2.98 | 3.90 | 2.85 | 2.68 | 2.39 | 2.80 | 3.25 |
| 10 | 3.42 | 2.91 | 3.36 | 2.81 | 2.71 | 3.03 | 3.89 | 3.11 | 2.67 | 2.39 | 2.79 | 3.26 |
| 11 | 3.21 | 2.93 | 3.22 | 2.82 | 2.72 | 3.40 | 3.84 | 3.28 | 2.67 | 2.28 | 2.80 | 3.29 |
| 12 | 3.21 | 2.87 | 3.19 | 2.83 | 2.75 | 3.46 | 3.82 | 3.34 | 2.66 | 2.10 | 2.80 | 3.26 |
| 13 | 3.11 | 2.82 | 3.15 | 2.93 | 2.75 | 3.48 | 3.72 | 3.32 | 2.67 | 2.15 | 2.80 | 3.29 |
| 14 | 3.12 | 2.83 | 3.16 | 2.72 | 2.83 | 3.52 | 3.69 | 3.26 | 2.65 | 2.26 | 2.80 | 3.37 |
| 15 | 3.09 | 3.16 | 3.19 | 2.64 | 2.81 | 3.61 | 3.68 | 3.15 | 2.67 | 2.31 | 2.80 | 3.06 |
| 16 | 3.15 | 2.93 | 3.20 | 2.59 | 2.78 | 3.66 | 3.67 | 3.13 | 2.71 | 2.29 | 3.00 | 2.95 |
| 17 | 3.35 | 2.93 | 3.75 | 2.59 | 2.79 | 3.73 | 3.55 | 3.09 | 2.70 | 2.27 | 2.89 | 2.98 |
| 18 | 3.73 | 2.90 | 3.56 | 2.59 | 2.81 | 3.85 | 3.56 | 2.99 | 2.71 | 2.22 | 2.93 | 2.99 |
| 19 | 3.74 | 3.01 | 3.64 | 2.58 | 2.78 | 3.86 | 3.45 | 2.92 | 2.70 | 2.23 | 2.87 | 3.10 |
| 20 | 3.87 | 3.04 | 3.66 | 2.58 | 2.78 | 3.84 | 3.44 | 2.89 | 2.71 | | 2.73 | 3.05 |
| 21 | 3.96 | 2.96 | 3.64 | 2.59 | 2.76 | 3.82 | 3.44 | 2.89 | 2.75 F | 2.01 | 2.84 | 3.01 |
| 22 | 4.15 | 3.11 | 3.66 | 2.56 | 2.71 | 3.71 | 3.40 | 2.82 | 2.74 | 2.22 | 2.88 | 3.25 |
| 23 | 4.26 | 3.24 | 3.85 | 2.58 | 2.75 | 3.66 | 3.41 | 2.79 | 2.65 | 2.29 | 2.93 | 3.38 |
| 24 | 4.36 | 3.40 | 3.83 | 2.58 | 2.78 | 3.56 | 3.40 | 2.78 | 2.67 | 2.34 | 2.90 | 3.50 |
| 25 | 4.18 | 3.49 | 3.69 | 2.35 | 2.91 | 3.51 | 3.37 | 2.79 | 2.67 | 2.29 | 2.90 | 3.57 |
| 26 | 4.17 | 3.72 | 3.64 | 2.35 | 2.98 | 3.50 | 3.34 | 2.80 | 2.66 | 2.29 | 2.86 | 3.54 |
| 27 | 4.15 | 3.86 F | 3.53 | 2.34 | 3.03 | 3.38 | 3.57 | 2.78 | 2.68 | 2.34 | 2.84 | 3.41 |
| 28 | 4.04 | 4.20 | 3.53 | 2.30 | 3.05 | 3.39 | 3.19 | 2.72 | 2.67 | 2.39 | 2.76 | 3.25 |
| 29 | 3.94 | ----- | 3.37 | 2.30 | 3.03 | 3.38 | 3.09 | 2.72 | 2.67 | 2.47 | 2.90 | 2.94 |
| 30 | 3.86 | ----- | 3.00 | 2.29 | 3.01 F | 3.45 | 3.07 | 2.79 | 2.45 | 2.52 | 2.93 | 3.09 |
| 31 | 3.80 | ----- | 3.08 | ----- | 2.97 | ----- | 3.00 | 2.79 | ----- | 2.53 | ----- F | 3.14 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.72 | 3.21 | 3.56 | 2.70 | 2.74 | 3.37 | 3.53 | 2.92 | 2.69 | 2.31 | 2.72 | 3.16 |
| MAX | 4.36 | 4.20 | 4.08 | 3.24 | 3.05 | 3.86 | 3.90 | 3.34 | 2.82 | 2.53 | 3.00 | 3.57 |
| MIN | 3.09 | 2.82 | 3.00 | 2.29 | 2.30 | 2.86 | 3.00 | 2.71 | 2.45 | 2.01 | 2.26 | 2.91 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 30 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 3.06.

HIGHEST STAGE WAS 4.40 AT 3:00 P. M. ON JAN 23 AND LATER DATE(S).

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS 2.0 ON OCT 21

DAILY STAGE FOR 1987

MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE (LA.) (NORTH)

LOCATION. LAT. 29-51-48. LONG. 92-51-00. ON NORTHWEST FENDER OF STRUCTURE. (STA. 7067517.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. APR. 27, 1951, TO DATE.

EXTREMES. HIGHEST, 8.3 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 0.80 FOOT ON DEC. 26, 1975.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M. L. G. (1956 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|--------|------|------|-------|------|-------|------|
| 1 | 3.55 | 3.42 | 3.58 | 2.90 | 2.08 | 2.55 | 3.05 | 2.61 | 2.69 | 2.30 | 2.25 | 2.45 |
| 2 | 3.50 | 3.28 | 3.55 | 2.98 | 2.08 | 2.60 | 3.20 | 2.51 | 2.63 | 2.30 | 2.15 | 2.53 |
| 3 | 3.60 | 3.18 | 3.60 | 2.84 | 2.18 | 2.65 | 3.20 | 2.50 | 2.57 | 2.55 | 2.20 | 2.50 |
| 4 | 3.40 | 3.14 | 3.55 | 2.88 | 2.35 | 2.65 | 3.15 | 2.44 | 2.52 | 2.35 | 2.13 | 2.50 |
| 5 | 3.42 | 3.14 | 3.50 | 2.80 | 2.32 | 2.50 | 3.10 | 2.40 | 2.52 | 2.20 | 2.12 | 2.55 |
| 6 | 3.40 | 3.00 | 3.38 | 2.65 | 2.30 | 2.60 | 3.25 | 2.41 | 2.50 | 2.20 | 2.28 | 2.75 |
| 7 | 3.30 | 2.80 | 3.40 | 2.58 | 2.25 | 2.75 | 3.30 | 2.47 | 2.40 | 2.13 | 2.18 | 2.80 |
| 8 | 3.30 | 2.58 | 3.22 | 2.56 | 2.30 | 2.80 F | 3.42 | 2.52 | 2.46 | 2.20 | 2.15 | 2.84 |
| 9 | 3.25 | 2.82 | 3.10 | 2.48 | 2.32 | 2.80 | 3.60 | 2.51 | 2.39 | 2.22 | 2.35 | 2.97 |
| 10 | 3.05 | 2.60 | 3.12 | 2.48 | 2.38 | 2.80 | 3.50 | 2.70 | 2.41 | 2.22 | 2.25 | 2.90 |
| 11 | 2.90 | 2.60 | 3.12 | 2.48 | 2.35 | 3.00 | 3.50 | 2.87 | 2.40 | 2.15 | 2.28 | 2.87 |
| 12 | 2.85 | 2.50 | 2.94 | 2.50 | 2.40 | 3.15 | 3.40 | 2.98 | 2.43 | 2.15 | 2.29 | 2.88 |
| 13 | 2.80 | 2.45 | 2.85 | 2.60 | 2.50 | 3.10 | 3.25 | 2.93 | 2.43 | 2.19 | 2.18 | 2.98 |
| 14 | 2.85 | 2.48 | 2.85 | 2.45 | 2.45 | 3.25 | 3.35 | 2.84 | 2.50 | 2.11 | 2.28 | 3.00 |
| 15 | 2.80 | 2.70 | 2.80 | 2.30 | 2.48 | 3.30 | 3.35 | 2.82 | 2.43 | 2.21 | 2.35 | 2.73 |
| 16 | 2.88 | 2.58 | 2.90 | 2.44 | 2.44 | 3.30 | 3.28 | 2.79 | 2.40 | 2.14 | 2.39 | 2.75 |
| 17 | 3.15 | 2.72 | 3.25 | 2.40 | 2.45 | 3.28 | 3.23 | 2.65 | 2.45 | 2.03 | 2.53 | 2.75 |
| 18 | 3.30 | 2.70 | 3.20 | 2.35 | 2.45 | 3.40 | 3.25 | 2.68 | 2.44 | 2.00 | 2.65 | 2.60 |
| 19 | 3.24 | 2.98 | 3.36 | 2.47 | 2.50 | 3.38 | 3.21 | 2.59 | 2.38 | 2.05 | 2.55 | 2.70 |
| 20 | 3.48 | 2.90 | 3.40 | 2.37 | 2.44 | 3.40 | 3.30 | 2.63 | 2.69 | 2.05 | 2.35 | 2.65 |
| 21 | 3.70 | 2.82 | 3.35 | 2.32 | 2.40 | 3.35 | 3.20 | 2.56 | 2.69 | 2.50 | 2.53 | 2.70 |
| 22 | 3.50 | 2.75 | 3.35 | 2.28 | 2.35 | 3.30 | 3.12 | 2.53 | 2.61 | 2.16 | 2.60 | 2.85 |
| 23 | 3.65 | 2.90 | 3.45 | 2.28 | 2.48 | 3.30 | 3.13 | 2.51 | 2.56 | 2.16 | 2.58 | 3.05 |
| 24 | 3.76 | 3.30 | 3.20 | 2.30 | 2.50 | 3.20 | 3.15 | 2.45 | 2.47 | 2.15 | 2.55 | 3.10 |
| 25 | 3.55 | 3.12 | 3.40 | 2.28 | 2.40 | 3.18 | 3.05 | 2.60 | 2.44 | 2.05 | 2.65 | 3.20 |
| 26 | 3.70 | 3.30 | 3.44 | 2.20 | 2.70 | 3.18 | 3.09 | 2.49 | 2.50 | 1.95 | 2.63 | 3.18 |
| 27 | 3.65 | 3.45 | 3.24 | 2.18 | 2.70 | 3.18 | 3.05 | 2.40 | 2.51 | 2.35 | 2.67 | 3.08 |
| 28 | 3.65 | 3.20 | 3.25 | 2.05 | 2.70 | 3.15 | 2.92 | 2.45 | 2.50 | 2.24 | 2.42 | 2.80 |
| 29 | 3.55 | ----- | 3.35 | 2.10 | 2.99 | 3.15 | 2.83 | 2.50 | 2.48 | 2.22 | 2.60 | 2.71 |
| 30 | 3.50 | ----- | 2.90 | 2.10 | 2.65 | 2.90 | 2.80 | 2.60 | 2.40 | 2.25 | 2.45 | 2.80 |
| 31 | 3.42 | ----- | 2.85 | ----- | 2.55 | ----- | 2.70 | 2.63 | ----- | 2.30 | ----- | 2.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.34 | 2.91 | 3.24 | 2.45 | 2.43 | 3.04 | 3.19 | 2.60 | 2.49 | 2.20 | 2.39 | 2.80 |
| MAX | 3.76 | 3.45 | 3.60 | 2.98 | 2.99 | 3.40 | 3.60 | 2.98 | 2.69 | 2.55 | 2.67 | 3.20 |
| MIN | 2.80 | 2.45 | 2.80 | 2.05 | 2.08 | 2.50 | 2.70 | 2.40 | 2.38 | 1.95 | 2.12 | 2.45 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.76.

HIGHEST STAGE WAS 3.85 AT 6:00 A.M. ON FEB 28.

LOWEST STAGE WAS 1.92 ON SEP 12 AND LATER DATE(S).

DAILY STAGE FOR 1987

MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE (LA.) (SOUTH AUTO.)

LOCATION. LAT. 29-51-46. LONG. 92-51-01. ON LOCKWALL AT SOUTHWEST END OF STRUCTURE.
(STA. 7075017.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JUNE 15, 1949, TO DATE. SUBTRACT 0.2 FROM DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, 8.3 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 1.56 FEET ON
JULY 6, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1956 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.40 | 3.32 | 3.40 | 3.23 | 2.40 | 2.65 | 3.90 | 2.60 | 3.30 | 2.60 | 2.25 | 2.20 |
| 2 | 3.40 | 3.20 | 3.50 | 2.92 | 2.50 | 2.50 | 3.10 | 2.51 | 3.31 | 3.10 | 2.18 | 2.35 |
| 3 | 3.55 | 3.08 | 3.50 | 2.70 | 2.75 | 2.25 | 2.10 | 2.55 | 3.33 | 2.40 | 2.15 | 2.30 |
| 4 | 3.30 | 3.04 | 3.48 | 2.67 | 2.50 | 1.90 | 3.00 | 2.50 | 3.32 | 2.95 | 2.20 | 2.30 |
| 5 | 3.35 | 3.06 | 3.40 | 2.55 | 1.80 | 1.95 | 3.05 | 2.75 | 3.40 | 2.40 | 2.25 | 2.40 |
| 6 | 3.30 | 2.90 | 3.35 | 2.30 | 1.70 | 2.25 | 3.05 | 2.75 | 3.70 | 2.40 | 2.00 | 2.50 |
| 7 | 3.20 | 2.70 | 3.40 | 2.32 | 1.20 | 2.85 | 3.50 | 2.90 | 3.29 | 1.70 | 2.70 | 2.80 |
| 8 | 3.15 | 2.48 | 3.20 | 2.33 | 1.20 | 3.40 | 3.65 | 3.15 | 2.89 | 1.98 | 2.74 | 2.80 |
| 9 | 3.10 | 2.65 | 3.00 | 2.25 | 1.95 | 3.80 | 3.87 | 3.40 | 2.75 | 2.55 | 3.25 | 2.90 |
| 10 | 2.90 | 2.50 | 3.05 | 2.31 | 2.40 | 4.20 | 4.05 | 3.70 | 2.65 | 2.35 | 1.70 | 2.80 |
| 11 | 3.78 | 2.45 | 3.02 | 2.32 | 2.78 | 4.20 | 3.81 | 3.41 | 3.25 | 2.60 | 2.09 | 2.72 |
| 12 | 2.75 | 2.35 | 2.85 | 2.46 | 3.08 | 4.10 | 3.73 | 2.95 | 2.83 | 2.08 | 2.20 | 2.70 |
| 13 | 2.65 | 2.38 | 2.80 | 3.70 | 3.40 | 4.00 | 3.40 | 2.91 | 2.31 | 2.51 | 2.05 | 2.95 |
| 14 | 2.75 | 2.42 | 2.55 | 2.75 | 3.20 | 3.30 | 3.30 | 2.80 | 2.80 | 2.90 | 2.35 | 2.90 |
| 15 | 2.73 | 3.10 | 2.78 | 3.03 | 2.80 | 3.25 | 3.30 | 2.81 | 3.05 | 3.15 | 2.42 | 2.49 |
| 16 | 2.85 | 2.50 | 3.00 | 2.55 | 2.60 | 3.08 | 3.20 | 2.74 | 3.42 | 2.90 | 3.47 | 2.58 |
| 17 | 3.18 | 2.65 | 3.80 | 2.38 | 2.48 | 3.10 | 3.19 | 2.65 | 3.38 | 2.62 | 3.25 | 2.58 |
| 18 | 3.35 | 2.58 | 4.05 | 2.10 | 1.90 | 3.15 | 3.20 | 2.67 | 3.29 | 2.28 | 3.01 | 2.24 |
| 19 | 3.20 | 2.80 | 3.90 | 1.70 | 1.85 | 3.15 | 3.15 | 2.87 | 3.26 | 2.62 | 3.31 | 2.35 |
| 20 | 3.35 | 2.90 | 3.40 | 1.35 | 1.30 | 3.20 | 3.40 | 2.75 | 2.99 | 2.50 | 2.55 | 2.30 |
| 21 | 3.42 | 2.70 | 3.35 | 0.75 | 1.80 | 3.28 | 3.52 | 3.02 | 2.97 | 1.10 | 2.79 | 2.35 |
| 22 | 3.35 | 2.65 | 3.28 | -0.12 | 1.90 | 3.00 | 3.60 | 2.86 | 2.61 | 2.50 | 3.53 | 2.69 |
| 23 | 3.42 | 2.70 | 3.30 | 0.75 | 2.40 | 3.40 | 3.75 | 2.99 | 2.87 | 3.00 | 2.55 | 2.97 |
| 24 | 3.55 | 3.05 | 3.12 | 1.20 | 2.80 | 3.50 | 3.70 | 3.00 | 2.99 | 2.90 | 2.53 | 3.05 |
| 25 | 3.50 | 2.92 | 3.28 | 1.90 | 3.75 | 3.25 | 3.10 | 3.20 | 2.98 | 2.50 | 3.10 | 3.15 |
| 26 | 3.45 | 3.25 | 3.31 | 2.40 | 3.70 | 3.40 | 3.57 | 3.15 | 2.98 | 3.10 | 3.37 | 3.08 |
| 27 | 3.45 | 3.30 | 3.20 | 2.35 | 4.09 | 3.18 | 3.41 | 3.10 | 3.11 | 2.31 | 2.95 | 2.65 |
| 28 | 3.40 | 3.80 | 3.20 | 2.50 | 3.97 | 3.18 | 3.25 | 2.90 | 3.40 | 2.65 | 2.29 | 2.50 |
| 29 | 3.38 | ----- | 3.10 | 2.50 | 3.78 | 3.50 | 2.79 | 2.90 | 2.80 | 2.55 | 2.48 | 2.50 |
| 30 | 3.30 | ----- | 2.85 | 2.40 | 3.13 | 3.10 | 2.78 | 3.00 | 3.05 | 2.63 | 2.30 | 2.68 |
| 31 | 3.30 | ----- | 2.80 | ----- | 2.97 | ----- | 2.70 | 3.02 | ----- | 2.50 | ----- | 2.49 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| MEAN | 3.22 | 2.84 | 3.23 | 2.22 | 2.58 | 3.17 | 3.33 | 2.92 | 3.08 | 2.53 | 2.60 | 2.62 |
| MAX | 3.55 | 3.80 | 4.05 | 3.70 | 4.09 | 4.20 | 4.05 | 3.70 | 3.70 | 3.15 | 3.53 | 3.15 |
| MIN | 2.65 | 2.35 | 2.55 | -0.12 | 1.20 | 1.90 | 2.10 | 2.50 | 2.31 | 1.10 | 1.70 | 2.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.86.

HIGHEST STAGE WAS 4.80 AT 2:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.40 ON NOV 10.

DAILY STAGE FOR 1987

MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE (LA.) (SOUTH STAFF)

LOCATION. LAT. 29-51-46, LONG. 92-51-01. IN BOATHOUSE AT SOUTHWEST END OF STRUCTURE. (STA. 7082517.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. APR. 27, 1951, TO DATE.

EXTREMES. HIGHEST, 8.30 FEET (FROM HIGHWATER MARK) ON JUN. 27, 1957. LOWEST, MINUS 1.50 FEET ON DEC. 19, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1956 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|--------|---------|--------|-------|------|------|---------|--------|--------|------|
| 1 | 3.45 | 3.40 | 3.40 | 3.15 G | 2.10 G | 2.65 | 3.90 | 2.60 | 3.30 | 2.80 G | 2.35 G | 2.20 |
| 2 | 3.40 | 3.20 | 3.55 | 3.00 G | 2.10 G | 2.50 | 3.10 | 2.50 | 3.30 | 3.20 G | 2.20 G | 2.25 |
| 3 | 3.60 | 3.00 | 3.50 | 2.75 G | 2.75 G | 2.30 | 2.10 | 2.50 | 3.35 | 2.10 G | 2.40 G | 2.30 |
| 4 | 3.30 | 3.05 | 3.45 | 2.80 G | 2.45 | 1.90 | 3.00 | 2.75 | 2.40 G | 2.60 G | 2.20 G | 2.30 |
| 5 | 3.35 | 3.05 | 3.40 | 2.70 G | 1.50 | 1.95 | 3.05 | 3.20 | 3.40 G | 2.70 G | 2.30 G | 2.30 |
| 6 | 3.30 | 2.95 | 3.30 | 2.50 G | 1.40 | 2.30 | 3.05 | 3.20 | 3.55 G | 2.65 G | 2.00 | 2.40 |
| 7 | 3.25 | 2.60 | 3.30 | 2.50 G | 1.00 | 2.90 | 3.90 | 3.50 | 3.30 G | 2.10 G | 3.00 | 2.75 |
| 8 | 3.05 | 2.50 | 3.10 | 2.45 G | 1.35 | 3.50 | 3.65 | 3.55 | 3.20 G | 2.10 G | 2.95 | 2.85 |
| 9 | 3.15 | 2.70 | 3.00 | 2.35 G | 2.00 | 4.00 | 4.00 | 3.60 | 2.75 G | 3.00 G | 3.25 | 2.90 |
| 10 | 3.95 | 2.55 | 3.00 | 2.40 G | 2.15 | 4.15 | 4.00 | 3.95 | 3.00 G | 2.50 G | 1.55 | 2.90 |
| 11 | 2.75 | 2.45 | 3.00 | 2.40 G | 2.90 | 4.15 | 3.60 | 3.45 | 3.20 G | 2.75 G | 2.10 | 2.80 |
| 12 | 2.75 | 2.40 | 2.85 | 2.90 G | 3.25 | 3.90 | 3.50 | 2.90 | 2.90 G | 2.00 G | 2.25 | 2.80 |
| 13 | 2.65 | 2.35 | 2.85 G | 3.70 G | 3.40 | 3.50 | 3.40 | 2.90 | 2.40 G | 2.60 G | 2.00 | 2.60 |
| 14 | 2.70 | 2.40 | 2.85 G | 3.00 G | 3.15 | 3.20 | 3.25 | 2.75 | 2.80 G | 2.90 G | 2.55 | 2.85 |
| 15 | 2.70 | 3.10 | 2.80 G | 2.95 G | 2.45 | 3.25 | 3.20 | 2.75 | 3.05 G | 3.10 G | 2.40 | 2.50 |
| 16 | 2.80 | 2.50 | 3.25 G | 2.45 G | 2.45 | 3.15 | 3.05 | 2.75 | 3.40 G | 2.75 G | 3.45 | 2.60 |
| 17 | 3.00 | 2.65 | 3.90 G | 2.20 G | 2.25 | 3.10 | 3.20 | 2.40 | 3.40 G | 2.60 G | 2.10 | 2.60 |
| 18 | 3.35 | 2.60 | 4.00 G | 2.10 G | 1.65 | 3.10 | 3.20 | 2.60 | 3.30 G | 2.55 G | 2.15 | 2.20 |
| 19 | 3.10 | 2.80 | 3.85 G | 1.80 G | 1.50 | 3.15 | 3.15 | 2.80 | 3.40 G | 2.70 G | 2.50 | 2.50 |
| 20 | 3.40 | 2.80 | 3.35 G | 1.35 G | 1.20 | 3.20 | 3.50 | 2.85 | 3.00 G | 2.75 G | 2.05 | 2.45 |
| 21 | 3.35 | 2.65 | 3.25 G | -0.60 G | 1.85 | 3.20 | 3.45 | 3.15 | 3.40 G | 1.20 G | 2.35 | 2.20 |
| 22 | 3.40 | 2.70 G | 3.25 G | -0.20 G | 1.90 | 3.15 | 3.50 | 2.75 | 2.25 G | 3.05 G | 2.50 | 2.80 |
| 23 | 3.40 | 2.70 G | 3.30 G | -0.80 G | 2.40 | 3.60 | 3.75 | 2.80 | 2.95 G | 2.85 G | 2.60 | 3.05 |
| 24 | 3.60 | 3.00 G | 3.15 G | 1.60 G | 3.00 | 3.75 | 3.70 | 3.00 | 3.15 | 2.90 G | 2.70 | 3.15 |
| 25 | 3.35 | 2.90 G | 3.30 G | 1.90 G | 3.75 | 3.40 | 3.70 | 3.25 | 3.10 G | 2.50 G | 2.40 | 3.10 |
| 26 | 3.45 | 3.25 G | 3.00 G | 2.40 G | 3.65 | 3.40 | 3.60 | 3.25 | 3.10 G | 2.95 G | 2.80 | 2.95 |
| 27 | 3.45 | 3.40 G | 3.20 G | 2.65 G | 3.85 | 3.15 | 3.40 | 3.10 | 3.30 G | 2.40 G | 2.90 | 2.55 |
| 28 | 3.50 | 4.00 G | 3.15 G | 2.60 G | 3.75 | 3.45 | 3.25 | 2.85 | 3.45 G | 2.80 G | 2.40 | 2.50 |
| 29 | 3.40 | ----- | 3.30 G | 2.20 G | 3.50 | 3.55 | 2.80 | 2.85 | 2.80 G | 2.50 G | 2.40 | 2.50 |
| 30 | 3.35 | ----- | 2.85 G | 2.25 G | 3.25 | 3.10 | 2.80 | 3.00 | 3.05 G | 2.80 G | 2.00 | 2.60 |
| 31 | 3.30 | ----- | 2.80 | ----- G | 2.90 | ----- | 2.70 | 2.95 | ----- G | 2.50 | ----- | 2.50 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| MEAN | 3.24 | 2.84 | 3.23 | 2.18 | 2.48 | 3.19 | 3.34 | 2.98 | 3.10 | 2.61 | 2.43 | 2.61 |
| MAX | 3.95 | 4.00 | 4.00 | 3.70 | 3.85 | 4.15 | 4.00 | 3.95 | 3.55 | 3.20 | 3.45 | 3.15 |
| MIN | 2.65 | 2.35 | 2.80 | -0.80 | 1.00 | 1.90 | 2.10 | 2.40 | 2.25 | 1.20 | 1.55 | 2.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.85

HIGHEST STAGE WAS 4.15 ON JUN 10 THRU 11

LOWEST STAGE WAS MINUS 0.80 ON APR 23

DAILY STAGE FOR 1987

MERMENTAU RIVER AT GRAND CHENIERE, LA.

LOCATION. LAT. 29-46-08, LONG. 92-59-24. ON HIGHWAY 82 BRIDGE. (STA. 7090017.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. OCT. 15, 1943, TO JULY 12, 1954, AND APR. 13, 1956, TO DATE. DISREGARD GAGE ZERO REPORTED PRIOR TO 1951. PRESENT ZERO IS CORRECT FOR ALL PERIODS.

EXTREMES. HIGHEST, 13.0 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 2.39 FEET ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.85 | 2.80 | 2.00 | 2.42 | 2.83 | 3.56 | 3.55 | 2.86 | 2.95 | 2.90 | 2.63 | 1.60 |
| 2 | 1.95 | 2.35 | 2.13 | 2.82 | 3.10 | 3.36 | 2.82 | 2.68 | 3.11 | 3.14 | 1.98 | 1.50 |
| 3 | 2.47 | 2.75 | 2.67 | 2.53 | 3.52 | 3.14 | 3.34 | 2.60 | 3.15 | 1.56 | 1.68 | 1.30 |
| 4 | 0.24 | 3.12 | 2.93 | 3.00 | 2.98 | 2.82 | 3.24 | 2.65 | 3.13 | 2.36 | 1.65 | 0.65 |
| 5 | 2.37 | 3.20 | 3.26 | 3.09 | 3.00 | 3.05 | 3.00 | 2.94 | 3.30 | 2.01 | 1.27 | 0.66 |
| 6 | 2.84 | 2.80 | 2.95 | 2.50 | 2.54 | 2.72 | 3.35 | 2.90 | 2.95 | 1.57 | 1.27 | 1.10 |
| 7 | 2.85 | 0.95 | 2.93 | 2.15 | 2.20 | 3.27 | 3.43 | 2.85 | 2.48 | 0.92 | 1.52 | 1.50 |
| 8 | 2.40 | 1.65 | 2.43 | 1.90 | 2.05 | 3.55 | 3.63 | 3.08 | 2.28 | 0.88 | 1.67 | 1.50 |
| 9 | 3.35 | 1.20 | 1.94 | 1.74 | 2.43 | 3.60 | 3.52 | 3.10 | 2.07 | 1.85 | 2.27 | 2.00 |
| 10 | 2.03 | 1.00 | 1.35 | 1.70 | 2.05 | 4.10 | 3.75 | 3.30 | 2.13 | 1.30 | 0.12 | 2.20 |
| 11 | 1.13 | 0.75 | 1.40 | 1.66 | 2.55 | 4.13 | 3.58 | 2.90 | 2.52 | 1.57 | 1.66 | 2.35 |
| 12 | 1.17 | 0.65 | 1.33 | 1.85 | 2.43 | 3.74 | 3.65 | 2.45 | 1.87 | 1.25 | 1.79 | 2.50 |
| 13 | 1.05 | 0.68 | 1.50 | 3.15 | 2.72 | 3.94 | 3.56 | 2.47 | 2.17 | 1.98 | 2.10 | 2.80 |
| 14 | 1.40 | 1.25 | 1.94 | 2.34 | 2.93 | 3.48 | 3.33 | 2.68 | 2.55 | 2.64 | 2.54 | 3.15 |
| 15 | 1.13 | 2.77 | 1.76 | 2.70 | 2.83 | 3.27 | 3.25 | 2.54 | 2.57 | 2.80 | 2.66 | 0.58 |
| 16 | 1.75 | 1.75 | 2.31 | 2.66 | 2.77 | 3.43 | 3.04 | 2.50 | 2.90 | 2.78 | 3.80 | 1.30 |
| 17 | 2.05 | 2.11 | 3.35 | 3.15 | 3.14 | 3.30 | 3.00 | 2.65 | 3.04 | 2.45 | 1.80 | 1.50 |
| 18 | 2.38 | 2.24 | 3.35 | 2.90 | 3.20 | 3.24 | 2.89 | 2.77 | 3.14 | 2.14 | 1.74 | 1.30 |
| 19 | 0.75 | 2.62 | 3.43 | 2.57 | 3.28 | 2.86 | 3.24 | 2.56 | 2.57 | 2.30 | 1.10 | 1.28 |
| 20 | 2.20 | 3.07 | 3.87 | 2.55 | 2.94 | 3.45 | 3.52 | 2.52 | 2.67 | 2.07 | 0.96 | 0.50 |
| 21 | 3.20 | 2.70 | 3.86 | 1.95 | 2.85 | 2.97 | 3.47 | 2.67 | 2.97 | 1.08 | 0.35 | 0.38 |
| 22 | 2.28 | 1.86 | 4.00 | 1.25 | 2.47 | 2.89 | 3.40 | 2.50 | 2.27 | 1.80 | 0.95 | 0.85 |
| 23 | 1.85 | 1.60 | 4.00 | 1.15 | 2.50 | 3.15 | 3.60 | 2.45 | 2.24 | 1.64 | 1.10 | 1.35 |
| 24 | 2.00 | 2.17 | 3.67 | 0.95 | 2.53 | 3.10 | 3.63 | 2.70 | 1.93 | 1.90 | 1.49 | 1.85 |
| 25 | 0.92 | 1.15 | 2.17 | 1.55 | 2.90 | 2.74 | 3.48 | 2.72 | 1.74 | 1.18 | 2.45 | 2.77 |
| 26 | 0.84 | 1.75 | 2.25 | 1.45 | 3.37 | 2.63 | 3.24 | 2.66 | 1.80 | 2.27 | 2.32 | 2.88 |
| 27 | 0.62 | 1.89 | 2.35 | 1.75 | 3.94 | 3.16 | 3.07 | 2.60 | 1.96 | 1.17 | 2.65 | 2.68 |
| 28 | 0.28 | 2.35 | 2.18 | 1.95 | 4.18 | 3.46 | 3.00 | 2.47 | 2.63 | 2.16 | 2.00 | 1.84 |
| 29 | 0.56 | ----- | 1.65 | 2.39 | 4.40 | 3.50 | 2.70 | 2.43 | 2.13 | 2.53 | 2.81 | 1.14 |
| 30 | 0.95 | ----- | 1.45 | 2.61 | 3.66 | 3.80 | 2.84 | 2.50 | 1.80 | 2.65 | 2.65 | 1.50 |
| 31 | 0.98 | ----- | 2.10 | ----- | 3.47 | ----- | 2.67 | 2.63 | ----- | 2.67 | ----- | 1.47 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.67 | 1.97 | 2.53 | 2.21 | 2.96 | 3.31 | 3.28 | 2.69 | 2.50 | 1.98 | 1.83 | 1.61 |
| MAX | 3.35 | 3.20 | 4.00 | 3.15 | 4.40 | 4.13 | 3.75 | 3.30 | 3.30 | 3.14 | 3.80 | 3.15 |
| MIN | 0.24 | 0.65 | 1.33 | 0.95 | 2.05 | 2.63 | 2.67 | 2.43 | 1.74 | 0.88 | 0.12 | 0.38 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.38

HIGHEST STAGE WAS 5.01 AT 11.30 A.M. ON NOV 16

LOWEST STAGE WAS MINUS 0.67 ON NOV 10.

DAILY STAGE FOR 1987

CALCASIEU RIVER NEAR OBERLIN, LA.

LOCATION. LAT. 30-38-25, LONG. 92-48-50. STATE HIGHWAY 26 BRIDGE, THREE MILES NORTHWEST OF OBERLIN. (STA. 7305016.)

GAGE. AUTOMATIC RECORDER.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. DRAINAGE AREA, 753 SQUARE MILES.

RECORDS AVAILABLE. STAGE, AUG. 1922 TO JAN. 1925, AND SEP. 1938 TO DATE. STAGES ARE PUBLISHED BY CORPS OF ENGINEERS SINCE 1946. DAILY DISCHARGE IS COMPUTED AND PUBLISHED BY U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.53 FEET ON MAY 19, 1953. LOWEST, 1.23 FEET ON SEP. 20, 1984.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 39.43 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 10.75 | 5.42 | 17.16 | 6.06 | 2.29 | 4.18 | 4.62 | 2.96 | 2.12 | 1.81 | 1.61 | 9.28 |
| 2 | 10.12 | 5.03 | 17.65 | 5.47 | 2.28 | 3.70 | 4.76 | 3.19 | 2.10 | 1.76 | 1.68 | 8.14 |
| 3 | 9.49 | 4.82 | 18.11 | 4.88 | 2.24 | 3.42 | 4.14 | 2.97 | 2.03 | 1.72 | 1.70 | 7.49 |
| 4 | 9.93 | 4.68 | 17.18 | 4.44 | 2.22 | 3.04 | 3.59 | 2.63 | 2.18 | 1.70 | 1.69 | 7.30 |
| 5 | 9.39 | 4.55 | 15.99 | 4.16 | 2.24 | 3.05 | 3.29 | 2.42 | 2.30 | 1.69 | 1.67 | 7.32 |
| 6 | 8.29 | 4.53 | 14.67 | 4.01 | 2.34 | 3.01 | 3.19 | 2.35 | 2.29 | 1.67 | 1.64 | 7.39 |
| 7 | 7.48 | 4.60 | 13.30 | 3.92 | 3.50 | 3.04 | 3.19 | 2.34 | 2.16 | 1.66 | 1.62 | 8.68 |
| 8 | 7.10 | 4.72 | 12.13 | 3.88 | 3.12 | 3.23 | 3.70 | 2.60 | 2.04 | 1.64 | 1.61 | 10.26 |
| 9 | 7.24 | 4.72 | 11.17 | 3.82 | 2.64 | 3.55 | 5.83 | 2.56 | 1.98 | 1.63 | 1.64 | 10.85 |
| 10 | 7.65 | 4.68 | 10.23 | 3.71 | 2.48 | 3.57 | 7.37 | 2.48 | 2.04 | 1.61 | 1.68 | 11.07 |
| 11 | 8.10 | 4.65 | 9.07 | 3.60 | 2.54 | 3.33 | 7.88 | 3.98 | 1.92 | 1.60 | 1.78 | 10.29 |
| 12 | 8.27 | 4.61 | 7.92 | 3.50 | 2.86 | 3.12 | 7.11 | 7.05 | 1.88 | 1.59 | 2.34 | 9.26 |
| 13 | 8.18 | 4.53 | 7.28 | 3.41 | 3.30 | 4.45 | 5.82 | 4.66 | 1.84 | 1.58 | 2.54 | 8.72 |
| 14 | 7.69 | 4.40 | 7.10 | 3.31 | 4.09 | 5.50 | 5.04 | 3.25 | 1.79 | 1.56 | 2.32 | 8.72 |
| 15 | 6.93 | 4.93 | 7.15 | 3.22 | 4.65 | 5.17 | 4.63 | 2.71 | 1.77 | 1.56 | 2.16 | 8.86 |
| 16 | 6.75 | 7.54 | 7.17 | 3.15 | 6.21 | 4.55 | 4.18 | 2.50 | 1.79 | 1.55 | 4.93 | 9.05 |
| 17 | 8.59 | 8.59 | 9.05 | 3.06 | 6.45 | 4.09 | 3.63 | 2.46 | 1.80 | 1.54 | 11.81 | 9.01 |
| 18 | 15.35 | 8.75 | 15.02 | 2.99 | 6.13 | 4.10 | 3.25 | 2.38 | 1.83 | 1.53 | 15.74 | 8.46 |
| 19 | 17.53 | 7.93 | 15.86 | 2.92 | 6.18 | 4.25 | 3.01 | 2.29 | 1.83 | 1.53 | 17.56 | 7.38 |
| 20 | 17.09 | 7.23 | 15.42 | 2.87 | 6.29 | 4.29 | 2.81 | 2.21 | 1.83 | 1.53 | 17.88 | 7.04 |
| 21 | 15.83 | 8.94 | 14.17 | 2.83 | 6.23 | 4.38 | 2.66 | 2.14 | 1.99 | 1.53 | 17.39 | 8.18 |
| 22 | 14.14 | 11.05 | 12.01 | 2.75 | 5.79 | 4.68 | 2.58 | 2.06 | 2.22 | 1.55 | 16.38 | 9.62 |
| 23 | 12.54 | 12.27 | 10.62 | 2.69 | 5.10 | 4.15 | 2.55 | 2.00 | 2.22 | 1.53 | 15.28 | 10.11 |
| 24 | 11.74 | 12.95 | 10.99 | 2.62 | 4.36 | 4.24 | 2.47 | 1.95 | 2.24 | 1.51 | 14.00 | 9.95 |
| 25 | 11.59 | 13.76 | 11.44 | 2.56 | 3.74 | 4.59 | 2.64 | 1.91 | 2.24 | 1.51 | 12.75 | 9.55 |
| 26 | 11.33 | 14.91 | 11.22 | 2.52 | 3.43 | 4.96 | 2.83 | 1.88 | 2.16 | 1.58 | 11.99 | 9.66 |
| 27 | 10.84 | 16.25 | 10.60 | 2.47 | 3.32 | 5.19 | 2.74 | 1.86 | 2.07 | 1.66 | 11.47 | 11.23 |
| 28 | 9.95 | 16.86 | 9.41 | 2.43 | 3.19 | 4.86 | 2.65 | 1.85 | 2.01 | 1.70 | 11.96 | 13.21 |
| 29 | 8.58 | ----- | 8.11 | 2.40 | 3.04 | 4.12 | 2.44 | 1.84 | 1.94 | 1.64 | 11.72 | 14.08 |
| 30 | 7.14 | ----- | 7.20 | 2.34 | 3.17 | 3.90 | 2.34 | 1.84 | 1.87 | 1.60 | 10.64 | 13.87 |
| 31 | 6.09 | ----- | 6.61 | ----- | 3.48 | ----- | 2.35 | 1.90 | ----- | 1.58 | ----- | 13.06 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|
| MEAN | 10.05 | 7.78 | 11.65 | 3.40 | 3.84 | 4.06 | 3.85 | 2.62 | 2.02 | 1.61 | 7.64 | 9.58 |
| MAX | 17.53 | 16.86 | 18.11 | 6.06 | 6.45 | 5.50 | 7.88 | 7.05 | 2.30 | 1.81 | 17.88 | 14.08 |
| MIN | 6.09 | 4.40 | 6.61 | 2.34 | 2.22 | 3.01 | 2.34 | 1.84 | 1.77 | 1.51 | 1.61 | 7.04 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 5.67.

HIGHEST STAGE WAS 18.25 AT 5:00 A. M. ON MAR 3.

LOWEST STAGE WAS 1.50 ON OCT 24.

DAILY STAGE FOR 1987

BAYOU SERPENT NEAR FENTON, LA.

LOCATION: LAT. 30-23-15, LONG. 92-54-16. U. S. HIGHWAY 165 BRIDGE, 1.7 MILES NORTHEAST OF FENTON.
(STA. 7310016.)

GAGE: AUTOMATIC RECORDER AND WIRE-WEIGHT.

GENERAL INFORMATION: CHANNEL WAS DREDGED IN 1958.

RECORDS AVAILABLE: SEP. 26, 1956, TO APR. 16, 1958, OCT. 12 TO 18, 1960, AND JULY 25, 1962, TO DATE.

EXTREMES: HIGHEST, 29.86 FEET ON MAY 17, 1980. LOWEST, 8.07 FEET ON NOV. 6 AND LATER DATES IN 1987.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|---------|-------|-------|------|-------|-------|
| 1 | 9.42 | 9.34 | 13.50 | 10.05 | 8.87 | 8.93 | 19.34 | | 8.86 | 8.47 | 8.62 | 9.53 |
| 2 | 9.25 | 9.17 | 10.82 | 9.62 | 8.88 | 8.95 | 22.67 | | 8.67 | 8.40 | 8.46 | 9.18 |
| 3 | 9.15 | 9.12 | 9.95 | 9.63 | 9.20 | 8.75 | 19.34 | | 8.54 | 8.37 | 8.35 | 8.95 |
| 4 | 14.68 | 9.07 | 9.48 | 9.37 | 9.04 | 8.77 | 13.68 | | 8.39 | 8.30 | 8.30 | 8.84 |
| 5 | 11.36 | 10.14 | 9.13 | 9.28 | 9.35 | 8.66 | 11.16 | | 8.29 | 8.35 | 8.20 | 8.75 |
| 6 | 10.24 | 9.70 | 8.92 | 9.53 | 9.42 | 8.65 | 10.09 | | 8.28 | 8.24 | 8.09 | 8.65 |
| 7 | 9.78 | 9.47 | 8.85 | 9.44 | 9.40 | 8.56 | 10.48 F | 8.88 | 8.28 | 8.32 | 8.08 | 17.68 |
| 8 | 9.54 | 9.35 | 8.85 | 9.20 | 9.58 | 8.69 | 13.36 | 8.97 | 8.40 | 8.39 | 8.07 | 18.35 |
| 9 | 9.38 | 9.26 | 8.85 | 9.10 | 9.83 | 8.92 | 12.30 | 8.88 | 8.30 | 8.39 | 8.18 | 13.45 |
| 10 | 9.70 | 8.95 | 8.77 | 9.24 | 9.93 | 9.00 | 10.70 | 10.53 | 8.25 | 8.32 | 8.28 | 11.14 |
| 11 | 9.47 | 8.85 | 8.73 | 9.30 | 9.45 | 9.92 | 9.93 | 14.99 | 8.27 | 8.27 | 8.42 | 10.05 |
| 12 | 9.28 | 8.77 | 8.85 | 9.33 | 9.51 | 11.35 | 9.48 | 15.98 | 8.63 | 8.30 | 8.41 | 9.64 |
| 13 | 9.60 | 9.04 | 8.78 | 9.38 | 9.75 | 10.40 | 9.28 | 11.74 | 8.92 | 8.35 | 8.35 | 9.29 |
| 14 | 9.77 | 8.85 | 8.69 | 9.94 | 10.19 | 13.77 | 9.34 | 10.04 | 9.47 | 8.48 | 8.31 | 9.05 |
| 15 | 10.04 | 8.88 | 8.65 | 9.44 | 9.62 | 11.34 | 9.43 | 9.42 | 9.20 | 8.45 | 8.25 | 8.99 |
| 16 | 10.94 | 14.75 | 8.58 | 9.13 | 9.90 | 10.07 | 9.21 | 9.37 | 8.95 | 8.39 | 8.69 | 8.92 |
| 17 | 16.12 | 10.80 | 8.52 | 9.38 | 9.87 | 11.65 | 9.36 | 9.08 | 13.90 | 8.36 | 15.60 | 8.73 |
| 18 | 25.67 | 9.74 | 20.35 | 9.38 | 9.38 | 12.13 | 9.58 | 8.98 | 10.70 | 8.40 | 11.74 | 8.65 |
| 19 | 25.62 | 9.33 | 12.85 | 9.82 | 9.18 | 10.43 | 9.37 | 8.89 | 12.07 | 8.37 | 9.93 | 8.60 |
| 20 | 22.66 | 9.11 | 10.46 | 9.13 | 9.06 | 9.64 | 9.20 | 8.74 | 11.49 | 8.27 | 9.35 | 12.50 |
| 21 | 14.15 | 13.19 | 9.66 | 9.70 | 8.82 | 9.25 | 9.32 | 8.62 | 10.10 | 8.24 | 9.04 | 12.71 |
| 22 | 19.96 | 16.99 | 9.45 | 9.91 | 8.75 | 9.84 | 9.59 | 8.57 | 9.55 | 8.17 | 8.80 | 16.84 |
| 23 | 14.34 | 13.12 | 9.14 | 9.55 | 8.98 | 9.18 | 9.33 | 8.69 | 9.25 | 8.14 | 8.64 | 12.85 |
| 24 | 11.64 | 10.87 | 12.22 | 9.45 | 9.42 | 8.99 | 9.40 | 8.48 | 9.03 | 8.13 | 8.57 | 10.91 |
| 25 | 12.93 | 16.82 | 11.08 | 9.21 | 10.35 | 15.75 | | 8.59 | 8.86 | 8.16 | 8.49 | 10.15 |
| 26 | 11.25 | 22.17 | 9.92 | 9.00 | 9.96 | 11.72 | | 8.74 | 8.77 | 8.24 | 11.70 | 9.67 |
| 27 | 10.33 | 21.85 | 9.27 | 8.89 | 9.74 | 9.88 | | 10.43 | 8.68 | 9.20 | 10.02 | 9.63 |
| 28 | 9.92 | 16.00 | 9.73 | 8.93 | 9.38 | 9.34 | | 9.89 | 8.60 | 8.95 | 14.24 | 9.38 |
| 29 | 9.76 | ----- | 10.24 | 9.10 | 9.06 | 9.12 | | 9.32 | 8.53 | 8.69 | 11.54 | 9.16 |
| 30 | 9.64 | ----- | 9.36 | 8.70 | 9.30 | 9.02 | | 9.04 | 8.54 | 8.58 | 10.05 | 8.94 |
| 31 | 9.56 | ----- | 9.63 | ----- | 9.20 | ----- | | 8.94 | ----- | 8.53 | ----- | 8.95 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| MEAN | 12.42 | 11.52 | 10.04 | 9.37 | 9.43 | 10.02 | 11.46 | 9.75 | 9.19 | 8.39 | 9.36 | 10.58 |
| MAX | 25.67 | 22.17 | 20.35 | 10.05 | 10.35 | 15.75 | 22.67 | 15.98 | 13.90 | 9.20 | 15.60 | 18.35 |
| MIN | 9.15 | 8.77 | 8.52 | 8.70 | 8.75 | 8.56 | 9.20 | 8.48 | 8.25 | 8.13 | 8.07 | 8.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 24 | 25 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 10.10.

HIGHEST STAGE WAS 25.88 AT 5.00 P. M. ON JAN 18.

LOWEST STAGE WAS 8.07 ON NOV 6 AND LATER DATE(S).

DAILY STAGE FOR 1987

INDIAN BAYOU NEAR LAKE CHARLES, LA.

LOCATION. LAT. 30-18-10. LONG. 93-14-52. HIGHWAY 378 BRIDGE APPROXIMATELY 3 MILES WEST OF MOSS BLUFF, LA. (STA. 7346021.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. FOR RECORDS, 1946 TO 1982, REFER . GAGE WEST FORK CALCASIEU RIVER NR. LAKE CHARLES, LA.

RECORDS AVAILABLE. DEC. 15, 1983 TO DATE.

EXTREMES. HIGHEST, 6.32 FEET (CAUSED BY HURRICANE) ON NOV. 2, 1985. LOWEST, MINUS 2.05 ON FEB. 28, 1984.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1968 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.16 | 1.99 | 4.14 | 1.83 | 1.32 | 2.36 | 2.03 | 1.74 | 1.82 | 1.46 | 1.78 | 1.30 |
| 2 | 1.64 | 1.94 | 3.17 | 2.04 | 1.43 | 2.28 | 2.13 | 1.70 | 1.85 | 1.70 | 1.69 | 1.42 |
| 3 | 2.70 | 1.80 | 2.80 | 0.85 | 1.73 | 1.82 | 2.19 | 1.49 | 1.83 | 1.55 | 1.70 | 1.87 |
| 4 | 0.80 | 1.63 | 2.32 | 1.64 | 1.77 | 1.87 | 1.90 | 1.59 | 1.77 | 1.38 | 1.70 | 1.95 |
| 5 | 1.06 | 1.70 | 2.05 | 1.78 | 1.75 | 1.82 | 2.00 | 1.64 | 1.80 | 1.49 | 1.77 | 2.10 |
| 6 | 1.60 | 1.80 | 1.96 | 1.84 | 1.84 | 1.65 | 2.28 | 1.65 | 1.90 | 1.51 | 1.45 | 2.30 |
| 7 | 1.21 | 1.89 | 2.02 | 1.86 | 1.86 | 1.80 | 2.37 | 1.80 | 1.88 | 1.35 | 1.78 | 3.04 |
| 8 | 0.70 | 1.63 | 1.98 | 1.84 | 1.94 | 2.02 | 2.52 | 1.83 | 1.74 | 1.33 | 2.00 | 2.51 |
| 9 | 1.40 | 1.30 | 1.22 | 1.80 | 2.00 | 2.15 | 2.56 | 1.87 | 1.68 | 1.57 | 2.40 | 2.32 |
| 10 | 0.86 | 1.52 | 1.06 | 1.75 | 1.85 | 2.40 | 2.46 | 2.33 | 1.65 | 1.61 | 2.05 | 2.14 |
| 11 | -0.04 | 1.80 | 0.92 | 1.64 | 1.83 | 2.60 | 2.20 | 2.16 | 1.75 | 1.52 | 1.85 | 1.82 |
| 12 | 1.40 | 1.85 | 1.25 | 1.75 | 1.91 | 2.76 | 2.08 | 2.07 | 1.78 | 1.33 | 1.87 | 1.63 |
| 13 | 1.60 | 1.77 | 1.92 | 1.91 | 1.96 | 2.63 | 2.36 | 1.81 | 1.47 | 1.18 | 1.78 | 1.57 |
| 14 | 1.86 | 1.83 | 2.15 | 2.00 | 2.05 | 2.42 | 2.17 | 1.85 | 1.55 | 1.38 | 1.72 | 2.10 |
| 15 | 2.07 | 2.22 | 2.25 | 1.88 | 2.15 | 1.93 | 1.68 | 1.75 | 1.74 | 1.53 | 1.78 | 0.85 |
| 16 | 2.19 | 2.27 | 2.26 | 1.78 | 2.09 | 1.33 | 1.78 | 1.65 | 1.85 | 1.57 | 4.05 | 1.85 |
| 17 | 2.07 | 1.03 | 2.62 | 1.35 | 2.20 | 1.57 | 2.22 | 1.48 | 2.23 | 1.59 | 4.28 | 2.35 |
| 18 | 3.88 | 0.37 | 2.98 | 1.60 | 2.10 | 2.02 | 2.25 | 1.57 | 2.28 | 1.42 | 3.33 | 2.27 |
| 19 | 3.80 | 0.53 | 2.38 | 1.64 | 2.05 | 2.28 | 2.09 | 1.57 | 2.11 | 1.37 | 2.80 | 2.16 |
| 20 | 3.34 | 1.09 | 1.78 | 1.56 | 2.29 | 2.43 | 2.08 | 1.55 | 1.82 | 1.43 | 2.20 | 2.20 |
| 21 | 2.89 | 1.43 | 1.90 | 1.55 | 2.15 | 2.44 | 2.17 | 1.51 | 1.94 | 1.24 | 2.26 | 2.15 |
| 22 | 3.19 | 2.00 | 1.67 | 1.46 | 2.14 | 2.35 | 2.14 | 1.45 | 1.98 | 1.28 | 2.83 | 2.50 |
| 23 | 1.92 | 1.57 | 2.34 | 1.35 | 1.98 | 2.30 | 2.18 | 1.34 | 1.86 | 1.68 | 2.80 | 2.43 |
| 24 | 2.08 | 1.85 | 2.14 | 1.35 | 1.87 | 2.60 | 2.25 | 1.45 | 1.87 | 1.86 | 2.47 | 2.54 |
| 25 | 1.78 | 2.16 | 1.70 | 1.30 | 2.00 | 2.20 | 2.24 | 1.57 | 1.83 | 1.77 | 2.80 | 2.48 |
| 26 | 0.57 | 3.42 | 2.05 | 1.22 | 2.15 | 1.92 | 2.22 | 1.65 | 1.83 | 1.83 | 2.48 | 2.25 |
| 27 | 0.97 | 4.14 | 2.35 | 1.12 | 2.30 | 1.63 | 2.12 | 1.67 | 1.96 | 2.22 | 2.22 | 1.85 |
| 28 | 1.49 | 4.77 | 2.30 | 1.20 | 2.44 | 2.13 | 2.04 | 1.52 | 2.02 | 1.99 | 1.78 | 1.44 |
| 29 | 1.75 | ----- | 2.18 | 1.20 | 2.47 | 2.19 | 2.00 | 1.45 | 1.95 | 2.06 | 1.76 | 0.53 |
| 30 | 1.74 | ----- | 0.84 | 1.25 | 2.27 | 2.40 | 1.90 | 1.52 | 1.66 | 1.95 | 1.82 | 1.55 |
| 31 | 1.49 | ----- | 1.42 | ----- | 2.07 | ----- | 1.75 | 1.62 | ----- | 1.86 | ----- | 2.35 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.81 | 1.90 | 2.07 | 1.58 | 2.00 | 2.14 | 2.14 | 1.67 | 1.85 | 1.58 | 2.24 | 1.99 |
| MAX | 3.88 | 4.77 | 4.14 | 2.04 | 2.47 | 2.76 | 2.56 | 2.33 | 2.28 | 2.22 | 4.28 | 3.04 |
| MIN | -0.04 | 0.37 | 0.84 | 0.85 | 1.32 | 1.33 | 1.68 | 1.34 | 1.47 | 1.18 | 1.45 | 0.53 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
 THE MEAN STAGE FOR THE YEAR WAS 1.91.
 HIGHEST STAGE WAS 4.85 AT 10.00 A.M. ON FEB. 28.
 LOWEST STAGE WAS MINUS 0.48 ON JAN. 11.

DAILY STAGE FOR 1987

CALCASIEU RIVER SALT WATER BARRIER CHANNEL AT LAKE CHARLES, LA. (NAV. E.)

LOCATION. LAT. 30-15-13, LONG. 93-13-05. IN NAVIGATION CHANNEL ON EAST SIDE OF STRUCTURE. (STA. 7347221.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE, FEB. 1968 TO DATE.

EXTREMES. HIGHEST, 8.95 FEET ON DEC. 31, 1982. LOWEST, MINUS 0.75 FOOT ON FEB. 3, 1970.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|---------|--------|--------|--------|---------|--------|--------|---------|--------|--------|------|
| 1 | 2.90 G | 2.75 | 3.75 | 2.40 G | 2.10 | 2.90 | 2.50 G | 2.50 G | 2.50 G | 2.20 G | 2.60 | 2.15 |
| 2 | 2.40 | 2.50 | 3.10 G | 2.80 G | 2.20 | 2.70 | 2.65 G | 2.50 G | 2.65 G | 2.40 G | 2.55 | 2.30 |
| 3 G | 3.30 G | 2.60 | 3.00 G | 1.65 G | 2.50 | 2.50 | 2.75 G | 2.20 G | 2.60 G | 2.40 G | 2.50 | 2.65 |
| 4 | 1.30 | 2.10 | 2.50 G | 2.40 G | 2.60 G | 2.70 | 2.60 G | 2.35 G | 2.60 G | 2.20 G | 2.50 | 2.40 |
| 5 G | 1.55 | 2.20 | 2.35 G | 2.55 G | 2.60 G | 2.65 | 2.80 G | 2.40 G | 2.55 G | 2.25 G | 2.60 | 2.60 |
| 6 | 2.40 | 2.80 | 2.40 G | 2.60 G | 2.70 G | 2.45 G | 3.05 G | 2.40 G | 2.65 G | 2.30 G | 2.45 | 2.95 |
| 7 | 2.10 G | 2.65 | 2.60 G | 2.60 G | 2.60 G | 2.55 G | 3.15 G | 2.55 G | 2.70 G | 2.20 G | 2.55 | 3.40 |
| 8 | 1.65 | 1.95 | 2.60 G | 2.60 G | 2.80 G | 2.80 G | 3.20 G | 2.55 G | 2.55 G | 2.10 G | 2.80 | 3.00 |
| 9 | 2.30 | 1.50 | 1.90 G | 2.60 G | 2.85 G | 2.95 G | 3.20 G | 2.60 G | 2.40 G | 2.35 G | 3.10 | 3.00 |
| 10 G | 1.70 G | 2.30 | 1.80 G | 2.55 | 2.70 G | 3.15 G | 3.00 G | 3.05 G | 2.40 G | 2.45 | 2.10 | 2.90 |
| 11 G | 0.80 G | 2.55 | 1.65 G | 2.45 G | 2.60 | 3.40 G | 2.85 | 3.20 G | 2.35 G | 2.35 G | 2.70 | 2.60 |
| 12 | 1.90 G | 2.55 | 2.00 G | 2.50 G | 2.70 | 3.50 | 2.65 | 2.45 G | 2.50 G | 2.20 G | 2.70 | 2.35 |
| 13 | 2.30 G | 2.50 | 2.40 G | 2.60 G | 2.75 | 3.40 | 2.85 | 2.40 G | 2.30 G | 1.95 G | 2.60 | 2.40 |
| 14 | 2.40 G | 2.60 | 2.80 G | 2.80 G | 2.85 G | 3.00 | 2.60 G | 2.60 G | 2.30 G | 2.10 G | 2.50 | 2.95 |
| 15 | 2.75 G | 2.60 | 2.95 G | 2.70 G | 2.95 | 2.60 G | 2.45 G | 2.50 G | 2.55 G | 2.25 G | 2.45 | 1.55 |
| 16 | 2.80 | 2.60 G | 3.00 G | 2.50 G | 3.00 | 2.00 G | 2.50 G | 2.40 G | 2.55 G | 2.35 | 4.25 G | 2.75 |
| 17 | 2.75 G | 1.70 G | 3.25 G | 2.30 G | 2.95 | 2.10 G | 3.00 G | 2.20 G | 2.95 G | 2.35 | 3.45 G | 3.15 |
| 18 | 3.80 G | 1.15 | 3.50 G | 2.40 G | 2.95 | 2.40 G | 2.95 G | 2.35 | 3.00 G | 2.25 | 3.20 G | 2.70 |
| 19 | 2.80 G | 1.25 | 3.10 G | 2.40 G | 3.00 | 2.65 G | 2.80 G | 2.30 | 2.80 G | 2.20 | 3.20 G | 3.15 |
| 20 | 2.90 G | 1.85 G | 2.40 G | 2.30 G | 3.10 | 3.10 G | 2.80 G | 2.30 | 2.55 G | 2.25 | 2.85 | 2.65 |
| 21 | 2.85 | 1.90 | 2.50 G | 2.30 | 2.65 | 3.20 G | 2.90 G | 2.30 G | 2.70 G | 2.30 | 2.95 | 2.80 |
| 22 | 3.00 | 2.40 G | 2.30 G | 2.25 G | 3.00 | 3.00 G | 2.90 G | 2.30 G | 2.80 G | 2.10 | 3.55 | 3.20 |
| 23 | 2.00 G | 2.35 | 3.05 G | 2.15 G | 2.80 | 3.00 G | 2.95 G | 2.10 G | 2.70 G | 2.40 | 3.60 | 3.15 |
| 24 | 2.35 G | 2.60 | 2.70 G | 2.15 G | 2.70 | 3.30 G | 3.00 G | 2.25 G | 2.70 G | 2.60 | 3.25 | 3.25 |
| 25 | 2.30 | 2.70 | 2.40 G | 2.10 G | 2.80 | 2.80 G | 2.95 G | 2.40 G | 2.60 G | 2.60 | 3.60 | 3.20 |
| 26 | 1.20 | 3.50 | 2.80 G | 2.00 G | 2.90 G | 2.65 G | 3.00 G | 2.40 G | 2.60 G | 2.50 | 3.10 | 2.90 |
| 27 | 1.70 | 3.85 | 3.05 G | 1.90 G | 3.10 G | 2.40 G | 2.90 G | 2.45 G | 2.75 | 3.05 | 2.95 | 2.40 |
| 28 | 2.15 | 4.60 | 3.10 G | 2.00 G | 3.20 G | 2.90 G | 2.80 G | 2.35 G | 2.75 G | 2.85 | 2.30 G | 2.15 |
| 29 | 2.45 | ----- | 3.00 G | 2.00 | 3.15 G | 3.00 G | 2.80 G | 2.25 G | 2.75 G | 2.90 | 2.35 G | 1.20 |
| 30 | 2.45 | ----- G | 1.60 G | 2.10 | 2.90 | 3.20 G | 2.70 G | 2.30 G | 2.40 G | 2.80 | 2.40 G | 2.60 |
| 31 | 2.20 | ----- G | 2.10 | ----- | 2.50 | ----- G | 2.60 G | 2.35 | ----- G | 2.70 | ----- | 2.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.30 | 2.45 | 2.63 | 2.35 | 2.78 | 2.83 | 2.83 | 2.43 | 2.61 | 2.38 | 2.86 | 2.69 |
| MAX | 3.80 | 4.60 | 3.75 | 2.80 | 3.20 | 3.50 | 3.20 | 3.20 | 3.00 | 3.05 | 4.25 | 3.40 |
| MIN | 0.80 | 1.15 | 1.60 | 1.65 | 2.10 | 2.00 | 2.45 | 2.10 | 2.30 | 1.95 | 2.10 | 1.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.60

HIGHEST STAGE WAS 4.60 ON FEB 28.

LOWEST STAGE WAS 0.80 ON JAN 11.

DAILY STAGE FOR 1987

CALCASIEU RIVER SALT WATER BARRIER CHANNEL AT LAKE CHARLES, LA. (NAV. W.)

LOCATION. LAT. 30-15-13, LONG. 93-13-06. IN NAVIGATION CHANNEL ON WEST SIDE OF STRUCTURE. (STA. 7347321.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE. FEB. 1968 TO DATE.

EXTREMES. HIGHEST, 8.87 FEET ON DEC. 31, 1982. LOWEST, MINUS 3.00 FEET ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|--------|-------|-------|
| 1 | 2.85 | 2.98 | 3.00 | 1.98 | 1.55 | 2.00 | 2.45 | 1.80 | 2.50 | 2.30 | 2.25 | 1.89 |
| 2 | 2.28 | 2.10 | 2.50 | 1.85 | 1.75 | 1.80 | 2.25 | 1.96 | 2.63 | 2.64 | 2.12 | 1.75 |
| 3 | 3.40 | 1.50 | 2.50 | 0.68 | 2.00 | 1.65 | 2.68 | 2.24 | 2.60 | 2.00 | 2.10 | 2.05 |
| 4 | 1.12 | 1.56 | 2.00 | 1.00 | 1.65 | 1.40 | 2.45 | 2.32 | 2.54 | 1.85 | 2.25 | 2.06 |
| 5 | 1.63 | 1.62 | 1.90 | 0.88 | 1.40 | 1.22 | 2.70 | 2.49 | 2.68 | 2.38 | 2.36 | 2.28 |
| 6 | 2.38 | 1.62 | 2.05 | 1.00 | 1.30 | 1.80 | 3.00 | 2.55 | 2.75 | 2.32 | 1.69 | 3.03 |
| 7 | 2.05 | 0.40 | 2.30 | 0.85 | 1.10 | 2.60 | 3.10 | 2.57 | 2.60 | 1.49 | 2.99 | 3.18 |
| 8 | 1.60 | 0.90 | 2.25 | 1.02 | 1.40 | 3.20 | 3.38 | 2.60 | 2.48 | 2.09 | 3.08 | 2.95 |
| 9 | 2.25 | 0.35 | 1.82 | 1.05 | 1.75 | 3.25 | 3.19 | 2.68 | 2.15 | 2.70 | 3.20 | 2.95 |
| 10 | 1.50 | 1.45 | 1.75 | 1.52 | 2.25 | 3.45 | 2.99 | 3.05 | 2.20 | 2.48 | 1.45 | 2.88 |
| 11 | 0.68 | 1.70 | 1.62 | 1.80 | 2.45 | 3.25 | 2.80 | 2.36 | 2.43 | 2.40 | 1.25 | 2.51 |
| 12 | 1.12 | 1.80 | 2.02 | 2.58 | 2.25 | 3.18 | 2.60 | 1.93 | 2.21 | 1.58 | 2.09 | 2.30 |
| 13 | 1.80 | 1.94 | 1.70 | 3.22 | 2.35 | 3.00 | 2.21 | 2.05 | 2.25 | 1.95 | 2.00 | 2.32 |
| 14 | 1.95 | 2.45 | 2.70 | 1.82 | 2.00 | 2.43 | 1.75 | 1.74 | 2.31 | 2.47 | 2.32 | 2.85 |
| 15 | 2.55 | 3.20 | 2.92 | 1.95 | 1.60 | 1.70 | 1.55 | 2.10 | 2.45 | 2.59 | 2.74 | 1.35 |
| 16 | 2.69 | 1.90 | 3.00 | 1.50 | 0.90 | 1.80 | 1.58 | 2.39 | 2.84 | 2.50 F | 3.95 | 0.65 |
| 17 | 2.70 | 1.80 | 3.97 | 1.60 | 1.00 | 1.95 | 2.01 | 2.30 | 2.90 | 2.48 F | 2.80 | 1.15 |
| 18 | 3.55 | 1.18 | 3.50 | 1.15 | 1.10 | 2.20 | 2.65 | 2.28 | 2.76 | 2.15 | 2.95 | 1.96 |
| 19 | 2.05 | 1.30 | 3.15 | 0.90 | 0.90 | 2.50 | 2.65 | 2.26 | 2.56 | 2.30 | 3.05 | 2.35 |
| 20 | 2.28 | 1.60 | 2.42 | 0.75 | 1.50 | 2.90 | 2.98 | 2.35 | 2.36 | 2.48 | 2.60 | 2.30 |
| 21 | 2.22 | 0.92 | 2.40 | 0.90 | 1.85 | 3.10 | 3.10 | 2.28 | 2.67 | 1.00 | 2.60 | 2.25 |
| 22 | 2.75 | 1.35 | 2.18 | 0.60 | 2.05 | 3.08 | 2.84 | 2.18 | 2.61 | 2.60 | 3.30 | 2.80 |
| 23 | 1.35 | 0.70 | 2.90 | 1.22 | 2.48 | 3.00 | 2.98 | 2.11 | 2.03 | 2.92 | 3.45 | 2.94 |
| 24 | 1.95 | 2.20 | 2.65 | 1.65 | 2.60 | 2.98 | 2.99 | 2.11 | 2.64 | 3.01 | 3.15 | 3.11 |
| 25 | 1.90 | 2.40 | 2.30 | 1.60 | 2.75 | 2.70 | 2.84 | 2.41 | 2.61 | 2.52 | 3.59 | 3.00 |
| 26 | 0.95 | 3.58 | 2.72 | 1.90 | 3.00 | 2.55 | 2.51 | 2.39 | 2.57 | 3.02 | 2.95 | 2.55 |
| 27 | 1.60 | 3.68 | 3.00 | 1.87 | 3.15 | 1.65 | 2.43 | 2.17 | 2.98 | 2.55 | 2.82 | 1.87 |
| 28 | 2.00 | 4.03 | 3.02 | 1.80 | 3.08 | 2.08 | 2.08 | 1.95 | 3.20 | 2.43 | 2.20 | 1.25 |
| 29 | 2.35 | ----- | 2.82 | 1.50 | 2.88 | 2.30 | 1.98 | 2.02 | 2.63 | 2.50 | 2.20 | -0.14 |
| 30 | 2.40 | ----- | 1.68 | 1.58 | 2.35 | 2.25 | 1.95 | 2.16 | 2.28 | 2.65 | 2.32 | 1.50 |
| 31 | 2.18 | ----- | 1.30 | ----- | 1.95 | ----- | 1.75 | 2.48 | ----- | 2.41 | ----- | 2.85 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 2.07 | 1.86 | 2.45 | 1.46 | 1.95 | 2.43 | 2.53 | 2.27 | 2.55 | 2.35 | 2.59 | 2.22 |
| MAX | 3.55 | 4.03 | 3.97 | 3.22 | 3.15 | 3.45 | 3.38 | 3.05 | 3.20 | 3.02 | 3.95 | 3.18 |
| MIN | 0.68 | 0.35 | 1.30 | 0.60 | 0.90 | 1.22 | 1.55 | 1.74 | 2.03 | 1.00 | 1.25 | -0.14 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.23.

HIGHEST STAGE WAS 4.55 AT NOON ON MAR 17.

LOWEST STAGE WAS MINUS 0.30 ON MAR 31.

DAILY STAGE FOR 1987

CALCASIEU RIVER SALT WATER BARRIER CHANNEL AT LAKE CHARLES, LA. (NAV. W.)

LOCATION. LAT. 30-15-13, LONG. 93-13-06. IN NAVIGATION CHANNEL ON WEST SIDE OF STRUCTURE. (STA. 7347421.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE. FEB. 1968 TO DATE.

EXTREMES. HIGHEST, 8.80 FEET ON DEC. 31, 1982. LOWEST, MINUS 0.95 FOOT ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|---------|--------|--------|--------|---------|--------|--------|---------|--------|--------|-------|
| 1 | 2.80 0 | 2.90 | 3.05 | 1.90 0 | 1.25 | 1.80 | 2.40 0 | 1.80 0 | 2.50 0 | 2.30 0 | 2.40 | 1.90 |
| 2 | 2.30 | 2.00 | 2.45 0 | 1.85 0 | 1.50 | 1.80 | 2.25 0 | 1.95 0 | 2.65 0 | 2.65 0 | 2.15 | 1.75 |
| 3 0 | 3.35 0 | 1.40 | 2.50 0 | 0.30 0 | 1.90 | 1.70 | 2.65 0 | 2.25 0 | 2.65 0 | 2.10 0 | 2.25 | 1.85 |
| 4 | 1.20 | 1.55 | 2.00 0 | 0.85 0 | 1.75 0 | 1.40 | 2.40 0 | 2.30 0 | 2.55 0 | 1.85 0 | 2.25 | 1.30 |
| 5 0 | 1.50 | 1.65 | 1.90 0 | 0.85 0 | 1.35 0 | 1.40 | 2.70 0 | 2.50 0 | 2.45 0 | 2.35 0 | 2.35 | 2.10 |
| 6 | 2.35 | 1.55 | 2.05 0 | 1.00 0 | 1.30 0 | 1.85 0 | 3.00 0 | 2.55 0 | 2.75 0 | 2.30 0 | 1.70 | 2.80 |
| 7 | 2.00 0 | 0.40 | 2.30 0 | 0.90 0 | 1.10 0 | 2.70 0 | 3.10 0 | 2.55 0 | 2.60 0 | 1.50 0 | 3.00 | 3.15 |
| 8 | 1.60 | 0.90 | 2.40 0 | 1.10 0 | 1.30 0 | 3.15 0 | 3.40 0 | 2.55 0 | 2.45 0 | 2.05 0 | 3.05 | 2.95 |
| 9 | 2.25 | 0.40 | 1.85 0 | 1.15 0 | 1.75 0 | 3.25 0 | 3.20 0 | 2.50 0 | 2.20 0 | 2.70 0 | 3.35 | 2.95 |
| 10 0 | 1.55 0 | 1.45 | 1.70 0 | 1.65 | 2.25 0 | 3.40 0 | 3.00 0 | 3.05 0 | 2.22 0 | 2.45 | 1.65 | 2.85 |
| 11 0 | 0.65 0 | 1.65 | 1.60 0 | 1.85 0 | 2.45 | 3.25 0 | 2.80 | 2.15 0 | 2.30 0 | 2.40 0 | 1.20 | 2.50 |
| 12 | 1.15 0 | 1.85 | 2.00 0 | 2.60 0 | 2.40 | 3.20 | 2.60 | 1.80 0 | 2.15 0 | 1.60 0 | 2.05 | 2.30 |
| 13 | 1.75 0 | 1.95 | 1.70 0 | 3.25 0 | 2.30 | 3.00 | 2.20 | 1.70 0 | 2.30 0 | 1.95 0 | 2.00 | 2.30 |
| 14 | 1.95 0 | 2.45 | 2.70 0 | 1.80 0 | 2.25 0 | 2.40 | 1.85 0 | 1.65 0 | 2.25 0 | 2.45 0 | 2.25 | 2.90 |
| 15 | 2.55 0 | 3.15 | 2.90 0 | 1.90 0 | 1.55 | 1.70 0 | 1.60 0 | 2.05 0 | 2.45 0 | 2.65 0 | 2.60 | 1.45 |
| 16 | 2.70 | 1.80 0 | 3.00 0 | 1.40 0 | 1.00 | 1.80 0 | 1.60 0 | 2.40 0 | 2.85 0 | 2.50 | 3.70 0 | 0.65 |
| 17 | 2.70 0 | 1.65 0 | 3.80 0 | 1.20 0 | 0.90 | 1.90 0 | 2.00 0 | 2.35 0 | 2.90 0 | 2.50 | 3.15 0 | 1.10 |
| 18 | 3.55 0 | 1.00 | 3.45 0 | 1.00 0 | 1.10 | 2.15 0 | 2.65 0 | 2.30 | 2.75 0 | 2.15 | 2.95 0 | 1.90 |
| 19 | 2.05 0 | 1.15 | 3.05 0 | 0.80 0 | 1.15 | 2.40 0 | 2.65 0 | 2.25 | 2.55 0 | 2.35 | 3.00 0 | 2.30 |
| 20 | 2.30 0 | 1.50 0 | 2.30 0 | 0.70 0 | 1.50 | 2.90 0 | 3.00 0 | 2.35 | 2.25 0 | 2.45 | 2.60 | 2.20 |
| 21 | 2.20 | 0.90 | 2.40 0 | 0.80 | 1.80 | 3.19 0 | 3.10 0 | 2.35 0 | 2.65 0 | 1.00 | 2.65 | 2.45 |
| 22 | 2.75 | 1.40 0 | 2.15 0 | 0.60 0 | 2.05 | 3.00 0 | 2.80 0 | 2.10 0 | 2.55 0 | 2.55 | 3.35 | 2.45 |
| 23 | 1.40 0 | 0.75 | 2.90 0 | 1.20 0 | 2.45 | 3.00 0 | 2.95 0 | 2.05 0 | 2.00 0 | 2.95 | 3.45 | 2.95 |
| 24 | 1.95 0 | 2.20 | 2.65 0 | 1.55 0 | 2.60 | 2.95 0 | 2.95 0 | 2.10 0 | 2.60 0 | 3.05 | 3.15 | 3.10 |
| 25 | 2.00 | 2.40 | 2.35 0 | 1.60 | 2.85 | 2.60 0 | 2.75 0 | 2.40 0 | 2.60 0 | 2.40 | 3.10 | 3.10 |
| 26 | 1.00 | 3.50 | 2.75 0 | 1.90 | 2.95 0 | 2.25 0 | 2.55 0 | 2.35 0 | 2.55 0 | 3.00 | 2.90 | 2.50 |
| 27 | 1.60 | 3.70 | 3.00 0 | 1.90 | 3.05 0 | 1.55 0 | 2.30 0 | 2.15 0 | 2.29 | 2.65 | 2.80 | 1.95 |
| 28 | 2.05 | 4.30 | 3.05 0 | 1.80 | 3.10 0 | 2.00 0 | 1.95 0 | 1.80 0 | 3.20 0 | 2.45 | 2.20 0 | 1.25 |
| 29 | 2.40 | ----- | 2.90 0 | 1.45 | 2.85 0 | 2.25 0 | 1.90 0 | 1.95 0 | 2.65 0 | 2.45 | 2.25 0 | -0.10 |
| 30 | 2.40 | ----- 0 | 1.55 0 | 1.40 | 2.15 | 2.15 0 | 1.95 0 | 2.10 0 | 2.25 0 | 2.65 | 2.30 0 | 1.55 |
| 31 | 2.20 | ----- 0 | 1.05 | ----- | 1.90 | ----- 0 | 1.60 0 | 2.45 | ----- 0 | 2.50 | ----- | 2.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 2.07 | 1.84 | 2.43 | 1.41 | 1.93 | 2.40 | 2.51 | 2.22 | 2.50 | 2.35 | 2.39 | 2.15 |
| MAX | 3.55 | 4.30 | 3.80 | 3.25 | 3.10 | 3.40 | 3.40 | 3.05 | 3.20 | 3.05 | 3.70 | 3.15 |
| MIN | 0.65 | 0.40 | 1.05 | 0.30 | 0.90 | 1.40 | 1.60 | 1.65 | 2.00 | 1.00 | 1.20 | -0.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0-GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.20

HIGHEST STAGE WAS 4.30 ON FEB 28.

LOWEST STAGE WAS MINUS 0.10 ON DEC 29.

DAILY STAGE FOR 1987

CALCASIEU RIVER SALT WATER BARRIER CHANNEL AT LAKE CHARLES, LA. (FLDY. E.)

LOCATION. LAT. 30-15-08. LONG. 93-13-05. IN FLOODWAY CHANNEL ON EAST SIDE OF STRUCTURE AT GATE
NUMBER ONE. (STA. 7347621.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE. FEB. 1968 TO DATE.

EXTREMES. HIGHEST, 8.95 FEET ON DEC. 31, 1982. LOWEST, MINUS 0.75 FOOT ON FEB. 3, 1970.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------|--------|---------|--------|---------|--------|--------|---------|--------|--------|------|
| 1 | 2.90 G | 2.75 | 3.75 G | 2.40 G | 2.10 G | 2.90 | 2.50 G | 2.50 G | 2.50 G | 2.20 G | 2.60 | 2.15 |
| 2 | 2.40 G | 2.50 | 3.10 G | 2.80 G | 2.20 G | 2.70 | 2.45 G | 2.50 G | 2.65 G | 2.40 G | 2.55 | 2.30 |
| 3 | 3.30 G | 2.60 | 3.00 G | 1.65 G | 2.50 G | 2.50 | 2.75 G | 2.20 G | 2.60 G | 2.40 G | 2.50 | 2.65 |
| 4 | 1.30 G | 2.10 | 2.50 G | 2.40 G | 2.60 G | 2.70 | 2.60 G | 2.35 G | 2.60 G | 2.20 G | 2.50 | 2.40 |
| 5 | 1.55 G | 2.20 | 2.35 G | 2.55 G | 2.60 G | 2.65 | 2.80 G | 2.40 G | 2.60 G | 2.25 G | 2.60 G | 2.60 |
| 6 | 2.40 G | 2.80 | 2.40 G | 2.60 G | 2.70 G | 2.45 | 3.05 G | 2.40 G | 2.65 G | 2.30 G | 2.45 G | 2.95 |
| 7 | 2.10 G | 2.65 | 2.60 G | 2.60 G | 2.60 G | 2.55 | 3.15 G | 2.55 G | 2.70 G | 2.20 G | 2.55 | 3.40 |
| 8 | 1.65 G | 1.95 | 2.60 G | 2.60 G | 2.80 G | 2.80 G | 3.20 G | 2.55 G | 2.55 G | 2.10 G | 2.80 | 3.00 |
| 9 | 2.30 G | 1.50 | 1.90 G | 2.60 G | 2.85 G | 2.95 G | 3.20 G | 2.60 G | 2.40 G | 2.35 G | 3.10 | 3.00 |
| 10 | 1.70 G | 2.30 | 1.80 G | 2.55 G | 2.70 G | 3.15 G | 3.00 G | 3.05 G | 2.40 G | 2.45 G | 2.10 | 2.90 |
| 11 | 0.80 G | 2.55 | 1.65 G | 2.45 G | 2.60 G | 3.40 G | 2.85 G | 3.20 G | 2.35 G | 2.35 G | 2.70 | 2.60 |
| 12 | 1.90 G | 2.55 | 2.00 G | 2.50 G | 2.70 | 3.50 | 2.45 G | 2.45 G | 2.50 G | 2.20 G | 2.70 | 2.35 |
| 13 | 2.30 G | 2.50 G | 2.40 G | 2.60 G | 2.75 | 3.40 | 2.85 G | 2.40 G | 2.30 G | 1.95 G | 2.60 | 2.40 |
| 14 | 2.40 G | 2.60 G | 2.80 G | 2.80 G | 2.85 | 3.00 | 2.60 G | 2.60 G | 2.30 G | 2.10 G | 2.50 | 2.95 |
| 15 | 2.75 G | 2.60 G | 2.95 G | 2.70 G | 2.95 | 2.60 | 2.45 G | 2.50 G | 2.55 G | 2.25 G | 2.45 | 1.55 |
| 16 | 2.80 | 2.60 G | 3.00 G | 2.50 G | 3.00 | 2.00 G | 2.50 G | 2.40 G | 2.55 G | 2.35 | 4.25 G | 2.75 |
| 17 | 2.75 | 1.70 G | 3.25 G | 2.30 G | 2.95 | 2.10 G | 3.00 G | 2.20 G | 2.95 G | 2.35 | 3.45 | 3.15 |
| 18 | 3.80 | 1.15 | 3.50 G | 2.50 | 2.95 | 2.40 G | 2.95 G | 2.35 G | 3.00 G | 2.25 | 3.20 | 2.70 |
| 19 | 2.80 | 1.25 | 3.10 G | 2.40 G | 3.00 | 2.65 G | 2.80 G | 2.30 G | 2.80 G | 2.20 | 3.20 | 3.15 |
| 20 | 2.90 | 1.85 | 2.40 G | 2.30 G | 3.10 | 3.10 G | 2.80 G | 2.30 G | 2.55 G | 2.25 | 2.85 | 2.65 |
| 21 | 2.85 | 1.90 | 2.50 G | 2.30 G | 2.65 | 3.20 G | 2.90 G | 2.30 G | 2.70 G | 2.30 | 2.95 | 2.80 |
| 22 | 3.00 | 2.40 | 2.30 G | 2.25 G | 3.00 | 3.00 G | 2.90 G | 2.30 G | 2.80 G | 2.10 | 3.55 | 3.20 |
| 23 | 2.00 | 2.35 | 3.05 G | 2.15 G | 2.80 | 3.00 G | 2.95 G | 2.10 G | 2.70 G | 2.40 | 3.60 | 3.15 |
| 24 | 2.35 | 2.60 | 2.70 G | 2.15 G | 2.70 G | 3.20 G | 3.00 G | 2.25 G | 2.70 G | 2.60 | 3.25 | 3.25 |
| 25 | 2.30 | 2.70 | 2.40 G | 2.10 G | 2.80 G | 2.80 G | 2.90 G | 2.40 G | 2.60 G | 2.60 | 3.60 | 3.20 |
| 26 | 1.20 | 3.50 | 2.80 G | 2.00 G | 2.90 | 2.65 G | 3.00 G | 2.40 G | 2.60 G | 2.50 | 3.10 | 2.90 |
| 27 | 1.70 | 3.85 | 3.05 G | 1.90 G | 3.10 | 2.40 G | 2.90 G | 2.45 G | 2.75 | 3.05 | 2.95 | 2.40 |
| 28 | 2.15 | 4.60 | 3.10 G | 2.00 G | 3.20 G | 2.90 G | 2.80 G | 2.35 G | 2.75 G | 2.85 | 2.30 | 2.15 |
| 29 | 2.45 | ----- | 3.00 G | 2.00 G | 3.15 G | 3.00 G | 2.80 G | 2.25 G | 2.45 G | 2.90 | 2.35 | 1.20 |
| 30 | 2.45 | ----- | 1.60 G | 2.10 G | 2.90 G | 3.20 G | 2.70 G | 2.30 G | 2.40 G | 2.80 | 2.40 | 2.60 |
| 31 | 2.20 | ----- G | 2.10 | ----- G | 2.50 | ----- G | 2.60 G | 2.35 | ----- G | 2.70 | ----- | 2.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.30 | 2.45 | 2.63 | 2.36 | 2.78 | 2.83 | 2.83 | 2.43 | 2.60 | 2.38 | 2.86 | 2.69 |
| MAX | 3.80 | 4.60 | 3.75 | 2.80 | 3.20 | 3.50 | 3.20 | 3.20 | 3.00 | 3.05 | 4.25 | 3.40 |
| MIN | 0.80 | 1.15 | 1.60 | 1.65 | 2.10 | 2.00 | 2.45 | 2.10 | 2.30 | 1.95 | 2.10 | 1.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.60.

HIGHEST STAGE WAS 4.60 ON FEB 28.

LOWEST STAGE WAS 0.80 ON JAN 11.

DAILY STAGE FOR 1987

CALCASIEU RIVER SALT WATER BARRIER CHANNEL AT LAKE CHARLES, LA. (FLDY. W.)

LOCATION. LAT. 30-15-08, LONG. 93-13-05. IN FLOODWAY CHANNEL ON WEST SIDE OF STRUCTURE AT GATE
NUMBER ONE. (STA. 7347821.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE, FEB. 1968 TO DATE.

EXTREMES. HIGHEST, 8.80 FEET ON DEC. 31, 1982. LOWEST, MINUS 0.95 FOOT ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------|--------|---------|--------|---------|--------|--------|---------|--------|--------|-------|
| 1 | 2.80 G | 2.90 | 3.05 G | 1.90 G | 1.25 G | 1.80 | 2.40 G | 1.80 G | 2.50 G | 2.30 G | 2.40 | 1.90 |
| 2 | 2.30 G | 2.00 | 2.45 G | 1.85 G | 1.50 G | 1.80 | 2.25 G | 1.95 | 2.65 G | 2.65 G | 2.15 | 1.75 |
| 3 | 3.35 G | 1.40 | 2.50 G | 0.30 G | 1.90 G | 1.70 | 2.65 G | 2.25 G | 2.65 G | 2.10 G | 2.25 | 1.85 |
| 4 | 1.20 G | 1.55 | 2.00 G | 0.85 G | 1.75 G | 1.40 | 2.40 G | 2.30 G | 2.55 G | 1.85 G | 2.25 | 1.30 |
| 5 | 1.50 G | 1.65 | 1.90 G | 0.85 G | 1.35 G | 1.40 | 2.70 G | 2.50 G | 2.70 G | 2.35 G | 2.35 G | 2.10 |
| 6 | 2.35 G | 1.55 | 2.05 G | 1.00 G | 1.30 G | 1.85 | 3.00 G | 2.55 G | 2.75 G | 2.30 G | 1.70 G | 2.80 |
| 7 | 2.00 G | 0.40 | 2.30 G | 0.90 G | 1.10 G | 2.70 | 3.10 G | 2.55 G | 2.60 G | 1.50 G | 3.00 | 3.15 |
| 8 | 1.60 G | 0.90 | 2.40 G | 1.10 G | 1.30 G | 3.15 G | 3.40 G | 2.55 G | 2.45 G | 2.05 G | 3.05 | 2.95 |
| 9 | 2.25 G | 0.40 | 1.85 G | 1.15 G | 1.75 G | 3.25 G | 3.20 | 2.50 G | 2.20 G | 2.70 G | 3.35 | 2.95 |
| 10 | 1.55 G | 1.45 | 1.70 G | 1.65 G | 2.25 G | 3.40 G | 3.00 G | 3.05 G | 2.20 G | 2.45 G | 1.65 | 2.85 |
| 11 | 0.65 G | 1.65 | 1.60 G | 1.85 G | 2.45 G | 3.25 G | 2.80 G | 2.15 G | 2.30 G | 2.40 G | 1.20 | 2.50 |
| 12 | 1.15 G | 1.85 | 2.00 G | 2.60 G | 2.40 | 3.20 | 2.60 G | 1.80 G | 2.15 G | 1.60 G | 2.05 | 2.30 |
| 13 | 1.75 G | 1.95 G | 1.70 G | 3.25 G | 2.30 | 3.00 | 2.20 G | 1.70 G | 2.30 G | 1.95 G | 2.00 | 2.30 |
| 14 | 1.95 G | 2.45 G | 2.70 G | 1.80 G | 2.25 | 2.40 | 1.85 G | 1.65 G | 2.25 G | 2.45 G | 2.25 | 2.90 |
| 15 | 2.55 G | 3.15 G | 2.90 G | 1.90 G | 1.55 | 1.70 | 1.60 G | 2.05 G | 2.45 G | 2.65 G | 2.60 | 1.45 |
| 16 | 2.70 | 1.80 G | 3.00 G | 1.40 G | 1.00 | 1.80 G | 1.60 G | 2.40 G | 2.85 G | 2.50 | 3.70 G | 0.65 |
| 17 | 2.70 | 1.65 G | 3.80 G | 1.20 G | 0.90 | 1.90 G | 2.00 G | 2.35 G | 2.90 G | 2.50 | 3.15 | 1.10 |
| 18 | 3.55 | 1.00 | 3.45 G | 1.40 | 1.10 | 2.15 G | 2.65 G | 2.30 G | 2.75 G | 2.15 | 2.95 | 1.90 |
| 19 | 2.05 | 1.15 | 3.05 G | 0.80 G | 1.15 | 2.40 G | 2.65 G | 2.25 G | 2.55 G | 2.35 | 3.00 | 2.30 |
| 20 | 2.30 | 1.50 | 2.30 G | 0.70 G | 1.50 | 2.90 G | 3.00 G | 2.35 G | 2.25 G | 2.45 | 2.60 | 2.20 |
| 21 | 2.20 | 0.90 | 2.40 G | 0.80 G | 1.30 | 3.19 G | 3.10 G | 2.35 G | 2.65 G | 1.00 | 2.65 | 2.45 |
| 22 | 2.75 | 1.40 | 2.15 G | 0.60 G | 2.05 | 3.00 G | 2.80 G | 2.10 G | 2.55 G | 2.55 | 3.35 | 2.80 |
| 23 | 1.40 | 0.75 | 2.90 G | 1.20 G | 2.45 | 3.00 G | 2.95 G | 2.05 G | 2.00 G | 2.95 | 3.45 | 2.95 |
| 24 | 1.95 | 2.20 | 2.65 G | 1.55 G | 2.60 G | 2.95 G | 2.95 G | 2.10 G | 2.60 G | 3.05 | 3.15 | 3.10 |
| 25 | 2.00 | 2.40 | 2.35 G | 1.60 G | 2.85 G | 2.60 G | 2.75 G | 2.40 G | 2.60 G | 2.40 | 3.10 | 3.00 |
| 26 | 1.00 | 3.50 | 2.75 G | 1.90 G | 2.95 | 2.25 G | 2.55 G | 2.35 G | 2.55 G | 3.00 | 2.90 | 2.50 |
| 27 | 1.60 | 3.70 | 3.00 G | 1.90 G | 3.05 | 1.55 G | 2.30 G | 2.15 G | 2.29 | 2.65 | 2.80 | 1.95 |
| 28 | 2.05 | 4.30 | 3.05 G | 1.80 G | 3.10 G | 2.00 G | 1.95 G | 1.80 G | 3.20 G | 2.45 | 2.20 | 1.25 |
| 29 | 2.40 | ----- | 2.90 G | 1.45 G | 2.85 G | 2.25 G | 1.90 G | 1.95 G | 2.65 G | 2.50 | 2.25 | -0.10 |
| 30 | 2.40 | ----- | 1.55 G | 1.40 G | 2.15 G | 2.15 G | 1.95 G | 2.10 G | 2.25 G | 2.65 | 2.30 | 1.55 |
| 31 | 2.20 | ----- G | 1.05 | ----- G | 1.90 | ----- G | 1.60 G | 2.45 | ----- G | 2.50 | ----- | 2.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 2.07 | 1.84 | 2.43 | 1.42 | 1.93 | 2.40 | 2.51 | 2.22 | 2.51 | 2.35 | 2.59 | 2.16 |
| MAX | 3.55 | 4.30 | 3.80 | 3.25 | 3.10 | 3.40 | 3.40 | 3.05 | 3.20 | 3.05 | 3.70 | 3.15 |
| MIN | 0.65 | 0.40 | 1.05 | 0.30 | 0.90 | 1.40 | 1.60 | 1.65 | 2.00 | 1.00 | 1.20 | -0.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.21

HIGHEST STAGE WAS 4.30 ON FEB 28

LOWEST STAGE WAS MINUS 0.10 ON DEC 29.

DAILY STAGE FOR 1987

CALCASIEU RIVER AND PASS AT LAKE CHARLES, LA.

LOCATION. LAT. 30-13-05, LONG. 93-15-12. ON EAST END OF LAKE CHARLES HARBOR TERMINAL DISTRICT
DOCKS. (STA. 7355021.)

GAUGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, JUNE 19, 1937 TO OCT. 4, 1973 AND MAR. 21, 1974 TO DATE.

EXTREMES. HIGHEST, 9.8 FEET ON MAY 22, 1953. LOWEST, MINUS 2.40 FEET ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAUGE ZERO, MINUS 0.59 FOOT, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.16 | 3.34 | 3.15 | 2.02 | 1.98 | 2.60 | 3.70 | | 3.01 | 2.64 | 2.67 | 2.00 |
| 2 | 2.70 | 2.55 | 2.73 | 2.20 | 2.12 | 2.30 | 2.67 | | 3.05 | 2.96 | 2.50 | 2.00 |
| 3 | 3.91 | 1.80 | 2.73 | 1.00 | 2.48 | 2.22 | 2.94 | | 3.01 | 2.26 | 2.55 | 2.10 |
| 4 | 1.62 | 2.03 | 2.20 | 1.40 | 2.37 | 1.75 | 2.70 | | 2.96 | 2.27 | 2.48 | 2.02 |
| 5 | 2.10 F | 2.20 | 2.14 | 1.34 | 1.74 | 1.63 | 2.96 | | 3.08 | 2.65 | 2.57 | 2.30 |
| 6 | 2.72 | | 2.32 | 1.28 | 1.64 | 2.15 | 3.30 | 2.92 | 3.20 | 2.58 | 2.14 | 3.14 |
| 7 | 2.34 | | 2.60 | 1.12 | 1.34 | 2.95 | 3.46 | 2.93 | 3.05 | 1.93 | 3.26 | 3.43 |
| 8 | 1.93 | | 2.65 | 1.23 | 1.72 | 3.40 | 3.65 | 2.97 | 2.93 | 2.25 | 3.20 | 3.16 |
| 9 | 2.60 F | 1.00 | 2.05 | 1.33 | 2.08 | 3.60 | 3.55 | 2.99 | 2.60 | 2.99 | 3.45 | 3.11 |
| 10 | 1.93 | 1.86 | 1.95 | 1.77 | 2.58 | 3.77 | 3.50 | 3.55 | 2.64 | 2.75 | 1.75 | 3.08 |
| 11 | 1.08 | 2.10 | 1.78 | 2.14 | 2.77 | 3.78 | 3.35 | 2.83 | 3.01 | 2.78 | 1.78 | 2.75 |
| 12 | 1.98 | 2.15 | 2.18 | 2.94 | 2.83 | 3.78 | 3.24 | 2.49 | 2.65 | 1.94 | 2.34 | 2.61 |
| 13 | 2.17 | 2.20 | 2.05 | 3.43 | 2.93 | 3.55 | 3.11 | 2.50 | 2.67 | 2.43 | 2.16 | 2.65 |
| 14 | 2.45 | 2.72 | 2.92 | 2.74 | 2.77 | 3.15 | 2.59 | 2.15 | 2.73 | 2.85 | 2.53 | 3.10 |
| 15 | 2.94 | 3.50 | 3.17 | 2.59 | 2.37 | 2.53 | 2.38 | 2.48 | 2.89 | 3.02 | 2.77 | 1.63 |
| 16 | 3.05 | 2.25 | 3.33 | 2.05 | 2.09 | 2.25 | 2.20 | 2.72 | 3.24 | 2.90 | 3.67 | 1.14 |
| 17 | 3.01 | 2.09 | 4.30 | 2.05 | 1.88 | 2.47 | 2.46 | 2.62 | 3.25 | 2.85 | 3.10 | 1.46 |
| 18 | 3.90 | 1.50 | 3.90 | 1.88 | 1.67 | 2.49 | 2.92 | 2.63 | 3.10 | 2.50 | 2.85 | 2.15 |
| 19 | 2.30 | 1.98 | 3.55 | 1.55 | 1.50 | 2.62 | 2.73 | 2.62 | 2.94 | 2.60 | 2.90 | 2.78 |
| 20 | 2.52 | 1.93 | 2.90 | 1.23 | 1.84 | 2.94 | 3.31 | 2.70 | 2.69 | 2.75 | 2.34 | 2.57 |
| 21 | 2.47 | 1.42 | 2.84 | 1.11 | 2.10 | 3.20 | 3.29 | 2.60 | 3.03 | 1.24 | 2.40 | 2.69 |
| 22 | 2.90 | 1.88 | 2.48 | 0.76 | 2.18 | 3.21 | 3.14 | 2.54 | 2.96 | 2.85 | 3.14 | 3.04 |
| 23 | 1.63 | 1.06 | 3.15 | 1.30 | 2.63 | 3.32 | 3.30 | 2.54 | 2.61 | 3.17 | 3.25 | 3.29 |
| 24 | 2.28 | 2.59 | 2.75 | 1.65 | 2.88 | 3.25 | 3.40 | 2.63 | 3.04 | 3.33 | 3.07 | 3.50 |
| 25 | 2.20 | 2.75 | 2.55 | 1.89 | 3.24 | 2.95 | 3.29 | 2.90 | 3.03 | 2.78 | 3.86 | 3.32 |
| 26 | 1.18 | 3.72 | 2.90 | 2.23 | 3.38 | 2.75 | 3.24 | 2.97 | 3.00 | 3.36 | 3.17 | 2.93 |
| 27 | 1.93 | 3.79 | 3.27 | 2.33 | 3.63 | 2.86 | 3.05 | 2.84 | 3.36 | 2.82 | 3.10 | 2.30 |
| 28 | 2.43 | 4.42 | 3.36 | 2.23 | 3.68 | 3.18 | 2.73 | 2.70 | 3.50 | 2.75 | 2.42 | 1.57 |
| 29 | 2.71 | ----- | 3.15 | 2.01 | 3.33 | 3.40 | 2.57 | 2.70 | 2.90 | 2.88 | 2.50 | 0.20 |
| 30 | 2.76 | ----- | 1.94 | 2.09 | 3.00 | 3.53 | | 2.79 | 2.67 | 2.96 | 2.51 | 1.81 |
| 31 | 2.60 | ----- | 1.29 | ----- | 2.75 | ----- | | 2.86 | ----- | 2.81 | ----- | 2.60 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.42 | 2.34 | 2.72 | 1.83 | 2.44 | 2.92 | 3.06 | 2.74 | 2.96 | 2.67 | 2.75 | 2.47 |
| MAX | 3.91 | 4.42 | 4.30 | 3.43 | 3.68 | 3.78 | 3.70 | 3.55 | 3.50 | 3.36 | 3.86 | 3.50 |
| MIN | 1.08 | 1.00 | 1.29 | 0.76 | 1.34 | 1.63 | 2.20 | 2.15 | 2.60 | 1.24 | 1.75 | 0.20 |
| DAYS | 31 | 25 | 31 | 30 | 31 | 30 | 29 | 26 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 355

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.61.

HIGHEST STAGE WAS 4.91 AT 11:00 A.M. ON MAR 17.

LOWEST STAGE WAS 0.10 ON MAR 31.

DAILY STAGE FOR 1987

CALCASIEU RIVER AND PASS AT HACKBERRY, LA.

LOCATION. LAT. 30-00-20, LONG. 93-20-05. ON AMERICAN OIL CO. WHARF ABOUT 900 FEET SOUTH OF BLACK LAKE BAYOU. (STA. 7360021.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. APR. 1943, TO DATE. PRIOR TO AUG. 1970 GAGE WAS LOCATED IN BLACK LAKE BAYOU.

EXTREMES. HIGHEST, 7.25 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 1.52 FEET ON MAR. 29, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 0.55 FOOT, NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|--------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 2.00 | 2.43 | 2.14 | 1.42 | 1.24 | 2.05 | 1.98 | 1.70 | 2.27 | 1.65 | 1.81 | |
| 2 | 1.68 | 1.85 | 1.95 F | 1.65 | 1.50 | 1.92 | 2.07 | 1.59 | 2.28 | 1.80 | 1.63 | |
| 3 | 2.95 | 1.45 | 2.10 | 0.46 | 1.96 | 1.64 | 2.08 | 1.83 | 2.24 | 1.07 | 1.64 | |
| 4 | 0.74 | 1.69 | 1.75 | 0.87 | 1.60 | 1.24 | 2.08 | 1.92 | 2.17 | 2.00 | 1.60 | |
| 5 | 1.50 | 1.60 | 1.75 | 0.70 | 1.13 | 1.15 | 2.29 | 2.02 | 2.27 | 1.98 | 1.75 | |
| 6 | 1.90 | 1.35 | 1.66 | 0.55 | 1.07 | 1.55 | 2.50 | 2.07 | 2.30 | 1.48 | 1.30 | |
| 7 | 1.54 | 0.26 | 1.90 | 0.45 | 0.68 | 2.25 | 2.64 | 2.00 | 2.02 | 1.35 | 2.23 | |
| 8 | 1.14 | 0.57 | 1.84 | 0.55 | 0.99 | 2.69 | 2.77 | 2.11 | 1.77 | 1.12 | 2.33 | |
| 9 | 1.72 | 0.19 | 1.25 | 0.63 | 1.30 | 2.85 | 2.74 | 2.12 | 1.65 | 1.31 | 2.58 | 2.03 |
| 10 | 0.96 | 0.95 | 1.12 | 0.95 | 1.48 | 2.95 | 2.70 | 2.84 | 1.57 | 1.06 | 0.90 | 2.03 |
| 11 | 0.25 | 1.16 | 1.02 | 1.25 | 1.83 | 2.90 | 2.63 | 2.00 | 1.84 | 1.00 | 0.85 | 1.84 |
| 12 | 0.44 | 1.20 | 1.28 | 1.95 | 1.93 | 2.94 | 2.55 | 1.65 | 1.50 | 0.57 | 1.45 | 1.76 |
| 13 | 1.05 | 1.24 | 1.20 | 2.55 | 2.06 | 2.65 | 2.34 | 1.65 | 1.50 | 1.20 | 1.44 | 1.90 |
| 14 | 1.38 | 1.73 | 1.96 | 1.85 | 1.89 | 2.17 | 1.94 | 1.50 | 1.85 | 1.80 | 1.77 | 2.19 |
| 15 | 1.94 | 2.25 | 2.24 | 1.46 | 1.55 | 2.10 | 1.71 | 1.71 | 1.83 | 2.28 | 2.00 | 0.85 |
| 16 | 1.95 | 1.21 | 2.42 | 1.14 | 1.30 | 1.72 | 1.70 | 1.85 | 2.25 | 2.10 | 3.04 | 0.40 |
| 17 | 2.05 | 1.40 | 3.45 | 1.25 | 1.24 | 1.72 | 1.90 | 1.78 | 2.24 | 2.02 | 1.95 | 0.60 |
| 18 | 2.82 | 1.04 | 3.35 | 1.23 | 1.34 | 1.86 | 2.19 | 1.80 | 2.30 | 1.67 | 1.73 | 1.25 |
| 19 | 1.20 | 1.30 | 2.90 | 0.97 | 1.26 | 1.86 | 2.07 | 1.77 | 1.86 | 1.75 | 1.73 | 1.83 |
| 20 | 1.70 | 1.80 | 2.55 | 0.63 | 1.30 | 2.20 | 2.64 | 1.78 | 1.96 | 1.83 | 1.20 | 1.59 |
| 21 | 1.93 | 0.77 | 2.38 | 0.47 | 1.42 | 2.44 | 2.55 | 1.75 | 2.27 | 0.51 | 1.30 | 1.53 |
| 22 | 1.75 | 1.05 | 2.00 | 0.10 | 1.50 | 2.40 | 2.41 | 1.68 | 1.61 | 1.80 | 1.90 | 2.03 |
| 23 | 0.65 | 0.35 | 2.40 | 0.58 | 1.78 | 2.50 | 2.53 | 1.63 | 1.70 | 2.15 | 2.03 | 2.27 |
| 24 | 1.30 | 1.58 | 2.02 | 0.80 | 1.97 | 2.43 | 2.59 | 1.75 | 1.54 | 2.22 | 1.97 | 2.42 |
| 25 | 1.11 | 1.58 | 1.75 | 0.98 | 2.33 | 2.20 | 2.40 | 2.02 | 1.44 | 1.88 | 2.80 | 2.45 |
| 26 | 0.38 | 2.48 | 1.95 | 1.22 | 2.54 | 1.90 | 2.30 | 2.09 | 1.46 | 2.31 | | 2.12 |
| 27 | 0.80 | 2.54 | 2.12 | 1.45 | 2.83 | 1.62 | 2.15 | 1.95 | 1.65 | 1.74 | | 1.47 |
| 28 | 1.22 | 2.94 | 2.30 | 1.37 | 2.93 | 2.02 | 1.88 | 1.83 | 1.91 | 1.93 | | 0.82 |
| 29 | 1.45 | ----- | 2.27 | 1.17 | 2.75 | 2.29 | 1.75 | 1.79 | 1.24 | 2.05 | | -0.30 |
| 30 | 1.90 | ----- | 1.26 | 1.33 | 2.39 | 2.18 | 1.83 | 1.94 | 0.85 | 2.07 | | 0.80 |
| 31 | 1.47 | ----- | 0.65 | ----- | 2.23 | ----- | 1.68 | 2.16 | ----- | 1.94 | ----- | 1.49 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 1.43 | 1.43 | 1.97 | 1.07 | 1.72 | 2.15 | 2.24 | 1.88 | 1.84 | 1.67 | 1.80 | 1.54 |
| MAX | 2.95 | 2.94 | 3.45 | 2.55 | 2.93 | 2.95 | 2.77 | 2.84 | 2.30 | 2.31 | 3.04 | 2.45 |
| MIN | 0.25 | 0.19 | 0.65 | 0.10 | 0.68 | 1.15 | 1.68 | 1.50 | 0.85 | 0.51 | 0.85 | -0.30 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 25 | 23 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 352

F=NOT AT STAT'D TIME

THE MEAN STAGE FOR THE YEAR WAS 1.73.

HIGHEST STAGE WAS 4.55 AT NOON ON MAR 17.

LOWEST STAGE WAS MINUS 0.42 ON MAR 31.

DAILY STAGE FOR 1987

CALCASIEU RIVER AND PASS NEAR CAMERON, LA.

LOCATION. LAT. 29-46-30, LONG. 93-20-46. AT CALCASIEU RIVER PILOTS DOCKS, TWO MILES SOUTHWEST OF CAMERON. (STA. 7365022.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. APR. 1939 TO DATE.

EXTREMES. HIGHEST, 12.9 FEET, FROM WATERMARK LEFT BY HURRICANE OF JUNE 27, 1957. LOWEST, MINUS 3.12 FEET ON FEB. 25, 1965.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 0.15 | 2.00 | 1.00 | 1.64 | 2.02 | 2.80 | 2.68 | 2.23 | 2.15 | 2.34 | 2.05 | 1.05 |
| 2 | 0.50 | 2.00 | 1.45 | 2.02 | 2.32 | 2.68 | 2.47 | 2.09 | 2.39 | 2.61 | 1.60 | 0.88 |
| 3 | 2.50 | 2.05 | 2.15 | 1.64 | 2.66 | 2.47 | 2.38 | 2.17 | 2.60 | 1.36 | 1.20 | 0.42 |
| 4 | 0.31 | 2.35 | 2.33 | 1.98 | 2.54 | 2.45 | 2.60 | 2.15 | 2.55 | 1.93 | 1.15 | 0.10 |
| 5 | 2.01 | 2.49 | 2.43 | 2.00 | 2.35 | 2.42 | 2.40 | 2.34 | 2.80 | 1.63 | 0.80 | 0.20 |
| 6 | 2.42 | 2.05 | 2.31 | 1.70 | 1.90 | 2.19 | 2.73 | 2.30 | 2.60 | 1.00 | 1.10 | 0.90 |
| 7 | 2.21 | 0.50 | 2.68 | 1.18 | 1.45 | 2.92 | 2.85 | 2.20 | 2.05 | 0.45 | 1.30 | 1.13 |
| 8 | 1.75 | 1.00 | 2.15 | 1.02 | 1.45 | 3.03 | 3.05 | 2.34 | 1.64 | 0.44 | 1.25 | 1.15 |
| 9 | 2.19 | 0.80 | 1.75 | 0.87 | 1.74 | 3.18 | 2.96 | 2.35 | 1.17 | 0.96 | 1.50 | 1.27 |
| 10 | 0.95 | 0.60 | 1.30 | 0.92 | 1.30 | 3.60 | 3.12 | 2.53 | 0.74 | 1.03 | -0.10 | 1.65 |
| 11 | 0.24 | 0.34 | 1.24 | 1.00 | 1.76 | 3.42 | 2.96 | 1.89 | 2.00 | 1.15 | 1.10 | 1.95 |
| 12 | -0.32 | 0.25 | 1.05 | 1.39 | 2.00 | 3.22 | 3.04 | 1.61 | 1.62 | 0.94 | 1.45 | 1.98 |
| 13 | 0.02 | 0.29 | 0.80 | 2.65 | 2.14 | 3.17 | 2.83 | 1.73 | 1.74 | 1.37 | 1.89 | 2.43 |
| 14 | 0.85 | 0.82 | 1.36 | 1.80 | 2.32 | 2.96 | 2.45 | 1.77 | 2.25 | 2.07 | 2.11 | 2.80 |
| 15 | 0.82 | 2.08 | 1.45 | 1.70 | 2.19 | 2.70 | 2.43 | 1.70 | 2.25 | 2.36 | 2.30 | 0.25 |
| 16 | 1.35 | 1.00 | 2.08 | 1.75 | 2.15 | 2.57 | 2.30 | 1.75 | 2.42 | 2.31 | 3.40 | 0.80 |
| 17 | 1.60 | 1.80 | 3.77 | 2.19 | 2.18 | 2.62 | 2.40 | 1.91 | 2.50 | 2.00 | 1.60 | 0.95 |
| 18 | 1.83 | 1.51 | 3.35 | 2.23 | 2.25 | 2.49 | 2.34 | 2.02 | 2.50 | 1.60 | 1.35 | 0.78 |
| 19 | 0.05 | 2.04 | 3.13 | 2.05 | 2.25 | 2.07 | 2.66 | 1.90 | 2.25 | 1.80 | 0.98 | 0.64 |
| 20 | 1.80 | 2.46 | 3.15 | 1.99 | 2.07 | 2.61 | 2.98 | 2.05 | 2.12 | 1.55 | 0.25 | 0.02 |
| 21 | 2.45 | 1.98 | 3.04 | 1.63 | 2.15 | 2.38 | 2.90 | 2.04 | 2.33 | 0.71 | 0.23 | -0.10 |
| 22 | 1.78 | 1.75 | 2.97 | 0.63 | 1.86 | 2.40 | 2.78 | 1.90 | 1.88 | 1.40 | 0.67 | 0.56 |
| 23 | 1.63 | 1.25 | 3.15 | 0.52 | 1.95 | 2.75 | 2.93 | 1.95 | 1.80 | 1.23 | 0.80 | 1.07 |
| 24 | 2.07 | 1.54 | 2.84 | 0.50 | 2.06 | 2.62 | 3.10 | 2.04 | 1.45 | 1.30 | 1.27 | 1.78 |
| 25 | 0.74 | 0.65 | 1.60 | 0.95 | 2.20 | 2.22 | 2.84 | 2.12 | 1.30 | 0.63 | 2.15 | 2.43 |
| 26 | 0.78 | 1.17 | 1.56 | 0.97 | 2.66 | 2.18 | 2.68 | 1.93 | 1.37 | 1.36 | 2.40 | 2.43 |
| 27 | 0.60 | 1.30 | 1.55 | 1.37 | 3.05 | 2.68 | 2.55 | 1.63 | 1.57 | 0.55 | 2.50 | 2.17 |
| 28 | -0.17 | 1.55 | 1.55 | 1.47 | 3.14 | 2.89 | 2.38 | 1.45 | 2.40 | 1.70 | 1.82 | 1.44 |
| 29 | -0.49 | ----- | 1.12 | 1.60 | 3.40 | 3.07 | 2.18 | 1.77 | 1.70 | 2.15 | 2.22 | 0.55 |
| 30 | -0.20 | ----- | 0.60 | 1.85 | 2.77 | 2.92 | 2.23 | 1.82 | 1.44 | 2.15 | 1.80 | 1.13 |
| 31 | 0.40 | ----- | 1.15 | ----- | 2.70 | ----- | 2.08 | 1.97 | ----- | 2.25 | ----- | 1.10 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|------|------|------|------|------|------|------|-------|-------|
| MEAN | 1.06 | 1.41 | 2.00 | 1.51 | 2.23 | 2.72 | 2.65 | 1.99 | 1.99 | 1.49 | 1.47 | 1.16 |
| MAX | 2.50 | 2.49 | 3.77 | 2.65 | 3.40 | 3.60 | 3.12 | 2.53 | 2.80 | 2.61 | 3.40 | 2.80 |
| MIN | -0.49 | 0.25 | 0.60 | 0.50 | 1.30 | 2.07 | 2.08 | 1.45 | 0.74 | 0.44 | -0.10 | -0.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.81

HIGHEST STAGE WAS 4.43 AT 11:45 A.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.96 ON MAY 15.

DAILY STAGE FOR 1987

BAYOU DUPRE AT FLOODGATE (WEST) (LA.)

LOCATION: LAT. 29-56-28, LONG. 89-50-24. ON WEST END OF SOUTH LOCK WALL. (STA. 7600504.)

GAGE: AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE: AUG. 22, 1975 TO DATE.

EXTREMES: HIGHEST, 3.52 FEET (CAUSED BY HURRICANE) ON OCT. 30, 1985. LOWEST, MINUS 1.96 FEET ON FEB. 12, 1985.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-------|------|--------|------|-------|--------|--------|-------|------|-------|
| 1 | | 1.50 | 1.20 | 2.54 | 1.78 | 2.37 | 1.27 | 1.15 | 2.14 | 2.05 | 1.65 | 0.54 |
| 2 | | 1.56 | 1.82 | 2.42 | 1.85 | 2.30 | 1.43 | 1.30 | 2.15 | 1.87 | 1.49 | 0.70 |
| 3 | | 1.41 | 2.01 | 2.30 | 2.10 | 1.52 | 1.46 | 1.67 | 2.07 | 1.77 | 1.55 | 0.57 |
| 4 | | 1.59 | 2.07 | 2.18 | 2.15 | | 1.40 | 1.75 | 2.05 | 1.81 | 2.00 | 0.57 |
| 5 | | 2.23 | 1.93 | 2.07 | 1.98 | | 1.56 | 1.77 | 2.15 | 1.18 | 1.78 | 1.10 |
| 6 | | 2.33 | 1.84 | 1.94 | 1.94 | | 1.88 | 1.75 | 2.05 F | 1.14 | 2.09 | 1.43 |
| 7 | | 1.64 | 2.04 | 1.80 | 1.88 | | 2.07 | 1.74 | 1.82 F | 1.14 | 1.95 | 2.27 |
| 8 | | 0.98 | 2.33 | 1.67 | 1.77 | | 2.13 | 1.73 | 1.40 F | 1.15 | 2.13 | 2.53 |
| 9 | | 0.80 | 2.20 | 1.48 | 2.10 F | 2.40 | 1.93 | 1.60 F | 1.15 | 1.22 | 2.45 | 2.32 |
| 10 | | 0.58 | 2.07 | 1.26 | 2.23 | 2.20 | 1.86 | 1.48 F | 1.15 | 1.47 | 1.73 | 1.93 |
| 11 | | 0.58 | 2.02 | 1.07 | 2.25 | 2.17 | 1.72 | 0.93 | 1.37 | 1.55 | 1.49 | 1.50 |
| 12 | | 0.64 | 1.93 | 1.33 | 2.25 | 2.12 | 1.50 | 0.28 | 1.64 | 1.44 | 1.72 | 1.44 |
| 13 | | 0.57 | 1.88 | 2.18 | 2.23 | 1.92 | 0.98 | 0.22 | 1.65 | 1.65 | 1.38 | 1.96 |
| 14 | | 0.99 | 1.76 | 2.00 | 2.22 | 1.57 | 0.72 | 0.80 | 1.78 | 1.97 | 1.70 | 2.00 |
| 15 | | 1.63 | 1.74 | 0.74 | 2.08 | 1.66 | 1.38 | 1.53 | 1.74 | 2.10 | 1.93 | 1.53 |
| 16 | | 1.65 | 1.78 | 1.44 | 2.30 | 1.18 | 1.48 | 1.70 | 1.76 | 1.80 | 2.27 | 0.75 |
| 17 | | 1.50 | 1.86 | 1.88 | 2.33 | 0.88 | 1.58 | 1.53 | 1.88 | 1.56 | 2.00 | 0.60 |
| 18 | | 1.03 | 2.25 | 1.82 | 2.28 | 1.08 | 1.83 | 1.60 | 1.84 | 1.48 | 1.98 | 0.70 |
| 19 | | 1.68 | 2.34 | 1.87 | 2.22 | 1.24 | 2.15 | 1.57 | 1.77 | 1.25 | 1.92 | 1.07 |
| 20 | | 1.72 | 2.38 | 1.58 | 2.17 | 1.67 | 2.33 | 1.58 | 1.85 | 1.15 | 1.48 | 1.37 |
| 21 | | | 2.28 | 2.40 | 1.07 | 2.15 | 1.82 | 2.73 | 1.41 | 1.88 | 1.36 | 1.28 |
| 22 | | | 2.32 | 2.37 | 1.06 | 1.93 | 1.93 | 2.42 | 1.50 | 1.54 | 2.03 | 1.35 |
| 23 | F | -0.62 | 1.12 | 2.34 | 1.13 | 2.33 | 1.93 | 2.24 | 1.48 | 1.81 | 1.57 | 1.87 |
| 24 | | 0.22 | 1.65 | 2.66 | 1.05 | 2.32 | 1.82 | 2.06 | 1.38 | 1.53 | 1.76 | 2.10 |
| 25 | | 1.23 | 2.15 | 2.69 | 1.54 | 2.54 | 1.68 | 1.95 | 1.38 | 1.37 | 1.76 | 2.33 |
| 26 | | 0.26 | 2.45 | 2.70 | 1.85 | 2.64 | 1.53 | 1.88 | 1.55 | 1.43 | 1.77 | 2.38 |
| 27 | | 0.19 | 2.18 | 2.75 | 1.77 | 2.68 | 1.68 | 1.70 | 1.34 | 1.78 | 1.72 | 2.34 |
| 28 | | 0.25 | 2.32 | 2.70 | 1.43 | 2.70 | 1.72 | 1.26 | 1.44 | 2.07 | 1.96 | 2.26 |
| 29 | | 0.87 | ----- | 2.65 | 2.08 | 2.77 | 1.64 | 1.47 | 1.73 | 2.07 | 1.90 | 1.63 |
| 30 | | 1.14 | ----- | 2.77 | 1.80 | 2.60 | 1.57 | 1.50 | 1.97 | 2.13 | 1.75 | 0.54 |
| 31 | | 1.30 | ----- | 2.69 | ----- | 2.53 | ----- | 1.53 | 2.05 | ----- | 1.83 | ----- |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 0.54 | 1.54 | 2.20 | 1.68 | 2.24 | 1.74 | 1.72 | 1.45 | 1.77 | 1.62 | 1.83 | 1.31 |
| MAX | 1.30 | 2.45 | 2.77 | 2.54 | 2.77 | 2.40 | 2.73 | 2.05 | 2.15 | 2.10 | 2.45 | 2.53 |
| MIN | -0.62 | 0.57 | 1.20 | 0.74 | 1.77 | 0.88 | 0.72 | 0.22 | 1.15 | 1.14 | 0.54 | -0.35 |
| DAYS | 9 | 28 | 31 | 30 | 31 | 25 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 338

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.70

HIGHEST STAGE WAS 2.89 AT MIDNIGHT ON FEB. 26.

LOWEST STAGE WAS MINUS 0.40 ON DEC. 29.

DAILY STAGE FOR 1987

BAYOU DUPRE AT FLOODGATE (EAST) (LA.)

LOCATION. LAT. 29-56-35, LONG. 89-50-24. ON EAST END OF SOUTH LOCK WALL. (STA. 7601004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. AUG. 22, 1975 TO DATE.

EXTREMES. HIGHEST, 7.62 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, (FROM INCOMPLETE RECORD) MINUS 1.89 FEET ON FEB. 23, 1978.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|--------|-------|------|------|-------|------|-------|-------|
| 1 | 1.42 | 1.12 | 0.98 | 0.30 | 0.10 | 0.95 | 1.34 | 1.14 | 2.47 | 2.31 | 1.52 | 0.25 |
| 2 | 0.89 | 1.04 | 1.32 | 0.24 | 0.30 | 0.88 | 1.45 | 1.30 | 2.50 | 1.98 | 1.25 | 0.33 |
| 3 | 1.69 | 0.73 | 1.07 | 0.00 | 0.64 | 0.98 | 1.44 | 1.70 | 2.30 | 1.89 | 1.35 | 0.18 |
| 4 | 2.24 | 0.70 | 0.87 | 0.02 | 0.64 | 1.13 | 1.35 | 1.81 | 2.21 | 1.91 | 1.82 | 0.20 |
| 5 | 1.32 | 1.38 | 0.90 | -0.30 | 0.24 | 1.36 | 1.54 | 1.85 | 2.47 | 1.11 | 1.46 | 0.83 |
| 6 | 0.57 | 2.13 | 0.48 | -0.56 | 0.40 | 1.48 | 2.00 | 1.82 | 2.14 | 0.74 | 2.02 | 1.00 |
| 7 | 0.24 | 0.75 | 1.90 | -0.54 | 0.35 F | 1.84 | 2.31 | 1.77 | 1.75 | 0.81 | 1.95 | 2.17 |
| 8 | 0.23 | 0.08 | 0.96 | -0.33 | 0.30 F | 1.82 | 2.33 | 1.73 | 1.39 | 1.10 | 2.18 | 2.43 |
| 9 | 0.39 | -0.02 | -0.23 | -0.66 | 0.82 F | 2.52 | 2.16 | 1.51 | 1.11 | 1.42 | 2.52 | 2.17 |
| 10 | 0.20 | -0.12 | 0.19 | -0.98 | 1.22 | 2.26 | 2.04 | 1.48 | 0.92 | 1.69 | 1.35 | 1.63 |
| 11 | -0.26 | -0.05 | 0.64 | -0.25 | 1.25 | 2.20 | 1.74 | 0.88 | 1.40 | 1.67 | 1.37 | 1.18 |
| 12 | -0.34 | 0.08 | 0.57 | 0.19 | 1.36 | 2.06 | 1.45 | 0.27 | 1.74 | 1.54 | 1.62 | 1.23 |
| 13 | -0.24 | 0.00 | 0.64 | 1.10 | 1.28 | 1.70 | 0.87 | 0.17 | 1.73 | 1.70 | 1.28 | 1.93 |
| 14 | 0.16 | 0.57 | 0.34 | 1.36 | 0.93 | 1.25 | 0.55 | 0.78 | 1.89 | 2.05 | 1.61 | 1.83 |
| 15 | 1.12 | 1.24 | 0.82 | -0.25 | 0.35 | 1.40 | 1.32 | 1.54 | 1.81 | 2.23 | 1.85 | 1.05 |
| 16 | 1.51 | 1.18 | 1.27 | 0.40 | 0.80 | 0.83 | 1.47 | 1.80 | 1.79 | 1.79 | 2.22 | 0.40 |
| 17 | 1.44 | 0.75 | 2.23 | 0.50 | 0.70 | 0.70 | 1.56 | 1.58 | 1.95 | 1.53 | 1.55 | 0.33 |
| 18 | 1.74 | 0.30 | 2.62 | 0.27 | 0.57 | 0.99 | 1.87 | 1.64 | 1.89 | 1.37 | 1.72 | 0.40 |
| 19 | 0.01 | 0.58 | 2.00 | 0.10 | 0.46 | 1.16 | 2.41 | 1.56 | 1.77 | 1.14 | 1.60 | 0.70 |
| 20 | 1.22 | 0.40 | 1.44 | -0.37 | 0.60 | 1.65 | 2.59 | 1.66 | 1.99 | 1.03 | 1.03 | 0.94 |
| 21 | 1.29 | 1.60 | 0.76 | -0.74 | 1.00 | 1.85 | 2.98 | 1.46 | 1.94 | 1.35 | 1.04 | 1.25 |
| 22 | 0.76 | 1.37 | 0.50 | -0.68 | 0.77 | 2.07 | 2.45 | 1.54 | 1.54 | 2.09 | 1.04 | 1.60 |
| 23 | -0.66 | -0.02 | 0.74 | -0.24 | 1.48 | 2.05 | 2.36 | 1.52 | 1.86 | 1.53 | 1.72 | 1.65 |
| 24 | -0.58 | 0.77 | 1.93 | 0.01 | 1.55 | 1.94 | 2.13 | 1.38 | 1.53 | 1.80 | 2.05 | 2.00 |
| 25 | 0.34 | 1.53 | 1.33 | 0.70 | 1 | 1.70 | 2.00 | 1.36 | 1.47 | 1.70 | 2.23 | 1.88 |
| 26 | -0.54 | 2.57 | 1.46 | 0.77 | 1.80 | 1.52 | 1.94 | 1.58 | 1.50 | 1.75 | 2.38 | 1.67 |
| 27 | -0.48 | 1.54 | 1.37 | 0.78 | 1.75 | 1.76 | 1.74 | 1.39 | 1.95 | 1.67 | 2.37 | 1.28 |
| 28 | -0.35 | 2.03 | 1.53 | 0.07 | 1.70 | 1.74 | 1.23 | 1.51 | 2.30 | 1.97 | 2.07 | 0.33 |
| 29 | 0.50 | ----- | 1.46 | 0.87 | 1.64 | 1.56 | 1.43 | 1.77 | 2.31 | 1.93 | 1.44 | -0.52 |
| 30 | 0.96 | ----- | 1.50 | 0.30 | 1.50 | 1.50 | 1.46 | 2.04 | 2.42 | 1.73 | 0.24 | -0.03 |
| 31 | 0.98 | ----- | -0.08 | ----- | 1.36 | ----- | 1.54 | 2.24 | ----- | 1.77 | ----- | 0.35 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|
| MEAN | 0.57 | 0.87 | 1.06 | 0.08 | 0.95 | 1.56 | 1.78 | 1.48 | 1.87 | 1.62 | 1.66 | 1.05 |
| MAX | 2.24 | 2.57 | 2.62 | 1.36 | 1.80 | 2.52 | 2.98 | 2.24 | 2.50 | 2.31 | 2.52 | 2.43 |
| MIN | -0.66 | -0.12 | -0.23 | -0.74 | 0.10 | 0.70 | 0.55 | 0.17 | 0.92 | 0.74 | 0.24 | -0.52 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.21.

HIGHEST STAGE WAS 4.20 AT 9:30 P.M. ON MAR 23.

LOWEST STAGE WAS MINUS 1.14 ON JAN 12.

DAILY STAGE FOR 1987

BAYOU BIENVENUE AT PARIS ROAD (LA.)

LOCATION. LAT. 29-58-55, LONG. 89-56-47. ON PARIS ROAD BRIDGE THAT CROSSES BAYOU BIENVENUE.
(STA. 7602004.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. DEC. 19, 1974 TO DATE.

EXTREMES. HIGHEST, 4.82 FEET ON MAY 3, 1978. LOWEST, MINUS 2.00 FEET ON FEB. 28, 1984.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.34 | 0.60 | 1.08 | -0.05 | -0.44 | 0.88 | 0.85 | 0.49 | 1.34 | 1.19 | 0.94 | 0.27 |
| 2 | 1.02 | 0.60 | 0.58 | -0.05 | -0.28 | 0.75 | 0.80 | 0.52 | 1.35 | 1.02 | 0.82 | 0.45 |
| 3 | 0.77 | 0.47 | 0.66 | 0.04 | 0.11 | 0.78 | 0.70 | 0.73 | 1.25 | 0.80 | 1.05 | 0.57 |
| 4 | 1.42 | 0.55 | 0.74 | -0.01 | 0.46 | 0.90 | 0.62 | 0.77 | 1.15 | 0.90 | 1.58 | 0.47 |
| 5 | 0.98 | 1.24 | 0.76 | -0.06 | 0.42 | 1.00 | 0.77 | 0.74 | 1.37 | 0.57 | 1.59 | 0.73 |
| 6 | 0.38 | 1.54 | 0.76 | -0.15 | 0.28 | 1.04 | 0.98 | 0.61 | 1.35 | 0.39 | 1.57 | 0.90 |
| 7 | 0.26 | 1.37 | 1.30 | -0.10 | 0.34 | 1.54 | 1.27 | 0.68 | 1.14 | 0.50 | 1.60 | 1.42 |
| 8 | 0.44 | 0.7 | 1.55 | 0.20 | 0.28 | 1.74 | 1.25 | 0.68 | 0.92 | 0.67 | 1.65 | 1.85 |
| 9 | 0.64 | 0.40 | 0.96 | -0.14 | 0.33 | 1.75 | 1.13 | 0.72 | 0.56 | 0.93 | 1.88 | 1.83 |
| 10 | 0.81 | 0.41 | 0.62 | -0.11 | 0.80 | 1.52 | 1.05 | 0.77 | 0.55 | 1.10 | 1.59 | 1.43 |
| 11 | 0.17 | 0.55 | 0.85 | -0.18 | 1.10 | 1.47 | 0.97 | 0.31 | 0.88 | 1.15 | 0.90 | 1.00 |
| 12 | -0.01 | 0.52 | 0.74 | 0.17 | 0.75 | 1.45 | 0.85 | -0.24 | 0.98 | 0.90 | 0.85 | 0.89 |
| 13 | -0.09 | 0.38 | 0.86 | 0.57 | 0.65 | 1.32 | 0.64 | -0.33 | 0.87 | 0.69 | 0.70 | 1.10 |
| 14 | 0.25 | 0.58 | 0.62 | 1.03 | 0.35 | 1.10 | 0.40 | 0.18 | 0.85 | 0.80 | 0.90 | 1.57 |
| 15 | 0.90 | 0.82 | 0.80 | 0.26 | -0.02 | 1.08 | 0.57 | 0.57 | 0.81 | 1.10 | 1.25 | 1.20 |
| 16 | 1.10 | 1.02 | 1.02 | -0.35 | 0.30 | 1.03 | 0.76 | 0.74 | 0.81 | 1.00 | 1.72 | 0.53 |
| 17 | 1.27 | 0.72 | 1.40 | -0.25 | 0.50 | 0.68 | 0.88 | 0.57 | 0.95 | 0.82 | 1.75 | 0.35 |
| 18 | 1.52 | 0.26 | 1.74 | -0.19 | 0.67 | 0.61 | 1.00 | 0.51 | 0.98 | 0.63 | 1.49 | 0.45 |
| 19 | 0.51 | 0.27 | 1.65 | -0.01 | 0.65 | 0.57 | 1.37 | 0.46 | 0.93 | 0.68 | 1.63 | 0.82 |
| 20 | 0.58 | 0.64 | 1.56 | 0.07 | 0.77 | 0.85 | 1.67 | 0.55 | 0.97 | 0.75 | 1.25 | 1.05 |
| 21 | 0.82 | 1.42 | 1.44 | -0.06 | 0.85 | 0.90 | 2.16 | 0.45 | 1.15 | 0.93 | 0.98 | 1.15 |
| 22 | 1.15 | 1.80 | 1.18 | -0.21 | 0.68 | 1.04 | 1.77 | 0.55 | 1.10 | 1.30 | 0.97 | 1.30 |
| 23 | -0.37 | 0.84 | 1.38 | -0.07 | 0.94 | 1.13 | 1.53 | 0.58 | 1.20 | 1.31 | 1.25 | 1.20 |
| 24 | -0.29 | 0.94 | 1.80 | -0.11 | 1.13 | 1.04 | 1.37 | 0.60 | 1.20 | 1.50 | 1.45 | 1.25 |
| 25 | 0.72 | 1.62 | 1.75 | 0.15 | 1.13 | 0.90 | 1.26 | 0.65 | 1.05 | 1.53 | 1.64 | 1.22 |
| 26 | -0.10 | 1.78 | 1.84 | 0.17 | 1.29 | 0.69 | 1.15 | 0.91 | 1.10 | 1.40 | 1.70 | 1.10 |
| 27 | -0.10 | 1.82 | 1.86 | 0.26 | 1.35 | 0.80 | 0.98 | 0.84 | 1.24 | 1.22 | 1.73 | 0.86 |
| 28 | 0.01 | 1.82 | 1.71 | -0.36 | 1.36 | 0.98 | 0.73 | 0.85 | 1.31 | 1.15 | 1.65 | 0.36 |
| 29 | 0.32 | ----- | 1.64 | -0.16 | 1.25 | 1.04 | 0.70 | 1.02 | 1.34 | 1.05 | 1.05 | -0.75 |
| 30 | 0.35 | ----- | 1.66 | -0.21 | 1.18 | 1.05 | 0.73 | 1.21 | 1.30 | 0.90 | 0.37 | -0.15 |
| 31 | 0.36 | ----- | 0.40 | ----- | 1.01 | ----- | 0.80 | 1.25 | ----- | 0.91 | ----- | 0.39 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|-------|------|------|-------|------|------|------|-------|
| MEAN | 0.55 | 0.93 | 1.19 | 0.00 | 0.65 | 1.05 | 1.02 | 0.61 | 1.07 | 0.96 | 1.31 | 0.86 |
| MAX | 1.52 | 1.82 | 1.86 | 1.03 | 1.36 | 1.75 | 2.16 | 1.25 | 1.37 | 1.53 | 1.88 | 1.05 |
| MIN | -0.37 | 0.26 | 0.40 | -0.36 | -0.44 | 0.57 | 0.40 | -0.33 | 0.55 | 0.39 | 0.37 | -0.75 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
THE MEAN STAGE FOR THE YEAR WAS 0.85.
HIGHEST STAGE WAS 2.31 AT 3:00 P.M. ON JULY 21.
LOWEST STAGE WAS MINUS 0.82 ON DEC 29.

DAILY STAGE FOR 1987

BAYOU BIENVENUE AT FLOODGATE (WEST) (LA.)

LOCATION. LAT. 29-59-47, LONG. 89-54-57. ON SOUTHEAST END OF LOCK WALL. (STA. 7602404.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAY 9, 1975 TO DATE.

EXTREMES. HIGHEST, 3.91 FEET ON APR. 13, 1980. LOWEST, (FROM INCOMPLETE RECORD) MINUS 2.03 FEET ON MAY 3, 1978.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|--------|------|-------|-------|------|-------|-------|
| 1 | 1.50 | 0.72 | 0.65 | 0.26 | 0.00 | 0.95 | 0.87 | 0.65 | 1.60 | 1.43 | 1.06 | 0.19 |
| 2 | 1.00 | 0.76 | 0.93 | 0.18 | 0.14 | 0.87 | 0.90 | 0.73 | 1.60 | 1.25 | 0.90 | 0.35 |
| 3 | 1.18 | 0.55 | 0.95 | -0.02 | 0.50 | 0.95 | 0.83 | 1.00 | 1.50 | 1.00 | 1.06 | 0.37 |
| 4 | 1.70 | 0.64 | 0.96 | 0.08 | 0.70 | 1.04 | 0.75 | 1.10 | 1.40 | 1.10 | 1.57 | 0.32 |
| 5 | 1.10 | 1.33 | 0.83 | -0.18 | 0.38 | 1.15 | 0.93 | 1.05 | 1.60 | 0.72 | 1.50 | 0.66 |
| 6 | 0.43 | 1.58 | 0.77 | -0.44 | 0.36 | 1.20 | 1.17 | 1.00 | 1.55 | 0.50 | 1.63 | 0.85 |
| 7 | 0.19 | 0.95 | 1.57 | -0.42 | 0.35 | 1.67 | 1.45 | 1.00 | 1.35 | 0.55 | 1.61 | 1.55 |
| 8 | 0.30 | 0.47 | 1.15 | -0.20 | 0.32 | 1.88 | 1.43 | 1.00 | 1.05 | 0.76 | 1.71 | 1.93 |
| 9 | 0.74 | 0.07 | 0.15 | -0.56 | 0.58 | 1.90 | 1.30 | 0.95 | 0.70 | 1.05 | 1.99 | 1.85 |
| 10 | 0.53 | 0.04 | 0.37 | -0.54 | 1.04 | 1.67 | 1.23 | 1.00 | 0.66 | 1.22 | 1.36 | 1.40 |
| 11 | -0.08 | 0.10 | 0.65 | -0.28 | 1.20 | 1.63 | 1.10 | 0.50 | 1.05 | 1.31 | 0.95 | 0.96 |
| 12 | -0.20 | 0.13 | 0.53 | 0.16 | 1.05 | 1.60 | 0.98 | -0.10 | 1.20 | 1.05 | 0.95 | 0.90 |
| 13 | -0.25 | 0.00 | 0.63 | 0.88 | 1.00 | 1.40 | 0.57 | -0.20 | 1.10 | 0.95 | 0.79 | 1.25 |
| 14 | 0.10 | 0.40 | 0.30 | 1.17 | 0.70 | 1.10 | 0.28 | 0.35 | 1.10 | 1.05 | 0.99 | 1.58 |
| 15 | 0.95 | 0.92 | 0.67 | -0.28 | 0.28 | 1.18 | 0.70 | 0.85 | 1.10 | 1.36 | 1.31 | 1.00 |
| 16 | 1.25 | 0.98 | 1.04 | 0.00 | 0.55 | 0.83 | 0.87 | 1.05 | 1.06 | 1.20 | 1.80 | 0.30 |
| 17 | 1.30 | 0.65 | 1.75 | 0.20 | 0.74 | 0.57 | 1.02 | 0.85 | 1.20 | 1.00 | 1.62 | 0.24 |
| 18 | 1.58 | 0.18 | 1.76 | 0.11 | 0.63 | 0.60 F | 0.82 | 0.85 | 1.22 | 0.83 | 1.45 | 0.35 |
| 19 | 0.32 | 0.54 | 1.73 | 0.10 | 0.55 | 0.70 | | 0.75 | 1.15 | 0.76 | 1.54 | 0.67 |
| 20 | 0.87 | 0.75 | 1.57 | -0.22 | 0.68 | 1.02 | | 0.83 | 1.20 | 0.77 | 1.15 | 0.93 |
| 21 | 0.98 | 1.57 | 1.17 | -0.67 | 0.97 | 1.10 | | 0.70 | 1.35 | 0.96 | 0.93 | 1.05 |
| 22 | 1.03 | 1.62 | 0.93 | -0.64 | 0.75 | 1.23 | | 0.80 | 1.20 | 1.46 | 0.94 | 1.24 |
| 23 | -0.53 | 0.35 | 1.10 | -0.23 | 1.15 | 1.30 | | 0.82 | 1.40 | 1.33 | 1.35 | 1.20 |
| 24 | -0.47 | 0.82 | 1.80 | -0.04 | 1.30 | 1.18 | | 0.82 | 1.30 | 1.54 | 1.53 | 1.37 |
| 25 | 0.56 | 1.43 | 1.47 | 0.50 | 1.34 | 1.07 | | 0.85 | 1.15 | 1.48 | 1.73 | 1.36 |
| 26 | -0.32 | 1.86 | 1.60 | 0.50 | 1.50 | 0.82 | | 1.10 | 1.20 | 1.40 | 1.80 | 1.22 |
| 27 | -0.37 | 1.94 | 1.54 | 0.53 | 1.55 | 0.95 | | 1.03 | 1.42 | 1.27 | 1.80 | 0.97 |
| 28 | -0.27 | 1.84 | 1.56 | -0.10 | 1.54 | 1.10 | | 1.05 | 1.53 | 1.30 | 1.71 | 0.27 |
| 29 | 0.24 | ----- | 1.47 | 0.43 | 1.43 | 1.09 | | 1.20 | 1.55 | 1.22 | 1.11 | -0.77 |
| 30 | 0.42 | ----- | 1.27 | -0.02 | 1.37 | 1.08 F | 0.98 | 1.43 | 1.55 | 1.06 | 0.25 | -0.17 |
| 31 | 0.50 | ----- | 0.13 | ----- | 1.23 | ----- | 1.00 | 1.50 | ----- | 1.06 | ----- | 0.34 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|------|------|------|-------|------|------|------|-------|
| MEAN | 0.53 | 0.83 | 1.06 | 0.01 | 0.83 | 1.16 | 0.96 | 0.86 | 1.27 | 1.10 | 1.34 | 0.83 |
| MAX | 1.70 | 1.94 | 1.80 | 1.17 | 1.55 | 1.90 | 1.45 | 1.50 | 1.60 | 1.54 | 1.99 | 1.93 |
| MIN | -0.53 | 0.00 | 0.13 | -0.67 | 0.00 | 0.57 | 0.28 | -0.20 | 0.66 | 0.50 | 0.25 | -0.77 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 20 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 354
F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.90.

HIGHEST STAGE WAS 2.20 AT 2:30 P.M. ON JUN 8.

LOWEST STAGE WAS MINUS 0.89 ON JAN 28.

DAILY STAGE FOR 1987

BAYOU BIENVENUE AT FLOODGATE (EAST) (LA)

LOCATION. LAT. 29-59-52. LONG. 89-54-55. ON NORTHEAST WINGWALL NEAR MISSISSIPPI RIVER-GULF
OUTLET (STA. 7602504)

GAGE. AUTOMATIC RECORDER AND STAFF

RECORDS AVAILABLE. DEC. 23, 1974 TO DATE.

EXTREMES. HIGHEST, 8.00 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 2.37 FEET ON
FEB 12, 1985.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|---------|-------|-------|-----|------|-------|------|--------|-------|
| 1 | | 0.70 | 0.30 | -0.02 | -0.83 | | | | | | 1.05 | -0.17 |
| 2 | | 0.74 | 1.13 | -0.13 | -0.60 | | | | | | 0.80 | 0.90 |
| 3 | | 0.50 | 1.03 | -0.15 | -0.18 | | | | | | 0.85 | |
| 4 | | 0.62 | 1.05 | -0.43 | -0.03 | | | | | | 1.27 | |
| 5 | | 1.25 | 0.55 | -0.60 | -0.20 | | | | | | 1.03 | |
| 6 | | 1.95 | 0.47 | -0.85 | -0.23 | | | | | | 1.49 | |
| 7 | | 0.47 | 1.75 | -0.77 | -0.25 | | | | | | 1.42 | |
| 8 | | -0.20 | 0.75 | -0.48 | -0.05 | | | | | | 1.57 | |
| 9 | | -0.23 | -0.43 | -0.75 | 0.28 | 2.10 | | | | | 1.97 | |
| 10 | | -0.30 | 0.04 | -0.63 | 0.90 | | | | F | 0.60 | 0.90 F | 0.29 |
| 11 | | -0.33 | 0.42 | -0.40 | 1.19 | | | | | 1.17 | 0.82 | 0.90 |
| 12 | | -0.20 | 0.27 | 0.35 | 0.88 | | | | | 1.00 | 1.17 | 0.88 |
| 13 | | -0.23 | 0.38 | 1.07 | 0.80 | | | | | 1.17 | 0.75 | 1.63 |
| 14 | | 0.25 | 0.13 | 1.42 | 0.13 | | | | | 1.55 | 1.18 | 1.53 |
| 15 | | 0.95 | 0.65 | -0.75 F | -0.80 | | | | | 1.75 | 1.42 | 0.55 |
| 16 | | 0.93 | 1.12 | -0.15 | | | | | | 1.27 | 1.84 | 0.00 |
| 17 | | 0.58 | 2.00 | -0.25 | | | | | | 0.97 | 1.07 | -0.05 |
| 18 | | 0.12 | 2.45 | -0.60 | | | | | | 0.85 | 1.27 | 0.00 |
| 19 | | 0.57 | 1.77 | -0.83 | 0.10 | | | | | 0.63 | 1.08 | 0.24 |
| 20 | | 0.45 | 1.18 | -0.77 | 0.28 | | | | | 0.50 | 0.50 | 0.50 |
| 21 | | 1.55 | 0.55 | -0.80 | 0.50 | | | | | 0.75 | 0.55 | 0.77 |
| 22 | | 1.15 | 0.25 | -0.84 | 0.45 | | | | | 1.57 | 0.57 | 1.00 |
| 23 | F | -0.96 | -0.20 | 0.57 | -0.44 | 1.05 | | | | 1.00 | 1.20 | 1.05 |
| 24 | | -0.73 | 0.65 | 2.00 | -0.25 | 1.25 | | | | 1.27 | 1.50 | 1.30 |
| 25 | | 0.07 | 1.27 | 1.18 | 0.45 | 1.30 | | | | 1.17 | 1.84 | 1.35 |
| 26 | -0.73 | 1.95 | 1.43 | 0.55 | 1.35 | | | | | 1.25 | 2.06 | 1.08 |
| 27 | -0.75 | 1.28 | 1.33 | 0.35 | 1.37 | | | | | 1.15 | 2.00 | 0.90 |
| 28 | -0.68 | 1.83 | 1.55 | -0.43 | 1.15 | | | | | 1.47 | 1.62 | -0.13 |
| 29 | -0.08 | ----- | 1.50 | 0.07 | 0.70 | | | | | 1.47 | 1.03 | -0.94 |
| 30 | 0.22 | ----- | 1.57 | -0.47 | 0.57 | | F | 1.05 | | 1.20 | -0.22 | -0.45 |
| 31 | 0.42 | ----- | -0.60 | ----- | 0.35 | ----- | | | ----- | 1.25 | ----- | -0.13 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|---|---|------|-------|-------|
| MEAN | -0.36 | 0.65 | 0.91 | -0.25 | 0.41 | 2.10 | 1.05 | | | 1.14 | 1.19 | 0.54 |
| MAX | 0.42 | 1.95 | 2.45 | 1.42 | 1.37 | 2.10 | 1.05 | | | 1.75 | 2.06 | 1.63 |
| MIN | -0.96 | -0.33 | -0.60 | -0.85 | -0.83 | 2.10 | 1.05 | | | 0.50 | -0.22 | -0.94 |
| DAYS | 9 | 28 | 31 | 30 | 28 | 1 | 1 | 0 | 0 | 22 | 30 | 24 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 204

F=NOT AT STATED TIME

HIGHEST STAGE WAS 3.38 AT 7:00 P.M. ON FEB 5.

LOWEST STAGE WAS MINUS 1.25 ON JAN 28

DAILY STAGE FOR 1967

INTRACASTAL WATERWAY NEAR PARIS ROAD BRIDGE, NEW ORLEANS, LA.

LOCATION. LAT. 30-00-24, LONG. 89-56-05. ON NORTH BANK AT NEW ORLEANS PUBLIC SERVICE, INC. ELECTRIC PLANT AND 1700 FEET EAST OF PARIS ROAD BRIDGE. (STA. 7604003.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON MAR. 4, 1977 GAGE WAS RAISED 2.18 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAR. 3 WERE CORRECTED TO NEW DATUM. PRIOR TO 1977 GAGE ZERO WAS M.L.G.

RECORDS AVAILABLE. STAGE, JUNE 27, TO OCT. 9, 1944, JUNE 12, TO AUG. 17, 1945, AND APR. 16, 1948, TO DATE. PRIOR TO NOV. 15, 1967, GAGE WAS LOCATED AT PARIS ROAD BRIDGE (FIELD OFFICE).

EXTREMES. HIGHEST, 10.04 FEET (CAUSED BY HURRICANE) ON SEP. 10, 1965. LOWEST, MINUS 2.19 FEET ON MAR. 5, 1965. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|--------|--------|-------|------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.55 | 1.11 F | 1.05 F | 1.15 | 0.20 | 1.12 | 0.95 | 0.84 | 2.52 | 2.15 | 1.14 | 0.19 |
| 2 | 1.00 | 1.12 | 1.70 F | 0.65 | 0.40 | 0.98 | 1.09 | 0.99 | 2.58 | 1.68 | 0.98 | 0.28 |
| 3 | 1.80 | 0.94 | 1.50 F | 0.68 | 0.85 | 1.08 | 1.15 | 1.05 | 2.30 | 1.60 | 1.18 | 0.15 |
| 4 | 2.28 | 0.95 | 1.50 | 0.15 | 0.62 | 1.28 | 1.12 | 1.61 | 2.25 | 1.66 | 1.68 | 0.15 |
| 5 | 1.30 | 1.60 | 1.00 F | 0.08 | 0.25 | 1.50 | 1.35 | 1.70 | 2.65 | 0.65 | 1.37 | 0.75 |
| 6 | 0.60 | 2.38 | 1.05 | -0.50 | 0.20 | 1.65 | 1.90 | 1.78 | 2.08 | 0.27 | 1.88 | 0.78 |
| 7 | 0.28 | 0.95 | 2.35 F | -0.30 | 0.20 | 2.32 | 2.25 | 1.65 | 1.61 | 0.39 | 1.75 | 2.15 |
| 8 | 0.28 | 0.34 | 1.20 | -0.20 | 0.30 | 2.47 | 2.09 | 1.60 | 1.15 | 0.68 | 1.89 | 2.40 |
| 9 | 0.44 | 0.28 F | 0.60 | -0.52 | 0.80 | 2.42 | 2.00 | 1.35 | 0.81 | 0.98 | 2.23 | 2.15 |
| 10 | 0.20 | 0.21 | 0.52 | -0.38 | 1.40 | 2.18 | 1.88 | 1.21 | 0.65 | 1.20 | 1.37 | 1.65 |
| 11 | -0.40 | 0.29 | 0.95 | -0.12 | 1.40 | 2.18 | 1.59 | 0.59 | 1.19 | 1.30 | 1.19 | 1.28 |
| 12 | -0.45 | 0.38 | 0.78 | 0.45 | 1.42 | 2.00 | 1.44 | -0.07 | 1.43 | 1.05 | 1.52 | 1.25 |
| 13 | -0.30 | 0.32 | 0.90 | 1.45 | 1.45 | 1.75 | 0.51 | -0.10 | 1.41 | 1.39 | 1.09 | 2.02 |
| 14 | 0.05 | 0.75 | 0.60 | 1.68 | 1.02 | 1.40 | 0.30 | 0.51 | 1.80 | 1.81 | 1.52 | 1.93 |
| 15 | 1.00 | 1.38 | 1.00 | | 0.38 | 1.35 | 1.09 | 1.35 | 1.69 | 1.98 | 1.80 | 0.85 |
| 16 | 1.35 | 1.35 | 1.50 | 0.48 | 1.00 | 0.63 | 1.28 | 1.59 | 1.75 | 1.40 | 2.22 | 0.27 |
| 17 | 1.35 | 0.99 | 2.44 | 0.45 | 0.82 | 0.50 | 1.39 | 1.47 | 1.92 | 1.10 | 1.44 | 0.18 |
| 18 | 1.62 | 0.50 | 2.76 | 0.28 | 0.42 | 0.75 | 1.80 | 1.51 | 1.81 | 0.95 | 1.60 | 0.27 |
| 19 | -0.02 | 1.00 | 2.24 | 0.00 | 0.40 | 1.00 | 2.50 | 1.48 | 1.70 | 0.67 | 1.47 | 0.42 |
| 20 | 1.20 | 0.88 | 1.75 | -0.36 | 0.60 | 1.60 | 2.65 | 1.60 | 2.01 | 0.55 | 0.82 | 0.60 |
| 21 | 1.46 | 1.98 | 1.10 | -0.62 | 1.00 | 1.87 | 3.05 | 1.38 | 1.80 | 0.91 | 0.92 | 0.96 |
| 22 | 0.95 | 1.68 | 0.80 | -0.60 | 0.80 | 2.20 | 2.36 | 1.48 | 1.32 | 1.80 | 0.80 | 1.40 |
| 23 | -0.50 | 0.42 | 1.00 | -0.18 | 1.75 | 2.02 | 2.28 | 1.43 | 1.68 | 1.19 | 1.40 | 1.46 |
| 24 | -0.30 | 1.15 | 2.40 | 0.00 | 1.79 | 1.72 | 1.97 | 1.19 | 1.23 | 1.48 | 2.02 | 1.70 |
| 25 | 0.50 | 1.75 | 1.55 | 0.82 | 1.95 | 1.49 | 1.85 | 1.16 | 1.15 | 1.25 | 2.35 | 1.75 |
| 26 | -0.30 | 2.45 | 1.85 | 0.85 | 2.10 | 1.24 | 1.81 | 1.40 | 1.17 | 1.36 | 2.62 | 1.45 |
| 27 | -0.25 | 1.75 | 1.75 | 0.82 | 2.04 | 1.55 | 1.47 | 1.21 | 1.56 | 1.27 | 2.50 | 1.15 |
| 28 | -0.15 | 2.12 | 1.82 | 0.02 | 1.88 | 1.50 | 0.91 | 1.30 | 2.02 | 1.62 | 1.98 | 0.20 |
| 29 | 0.45 | ----- | 1.70 | 0.80 | 1.80 | 1.23 | 1.20 | 1.68 | 2.08 | 1.62 | 1.38 | -0.68 |
| 30 | 0.68 | ----- | 1.86 | 0.30 | 1.60 | 1.20 | 1.29 | 1.99 | 2.18 | 1.42 | 0.15 | -0.09 |
| 31 | 0.99 | ----- | | ----- | 1.54 | ----- | 1.30 | 2.21 | ----- | 1.53 | ----- | 0.30 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|------|------|------|-------|------|------|------|-------|
| MEAN | 0.60 | 1.11 | 1.44 | 0.25 | 1.04 | 1.54 | 1.61 | 1.29 | 1.72 | 1.26 | 1.54 | 0.95 |
| MAX | 2.28 | 2.45 | 2.76 | 1.68 | 2.10 | 2.47 | 3.05 | 2.21 | 2.65 | 2.15 | 2.62 | 2.40 |
| MIN | -0.50 | 0.21 | 0.52 | -0.62 | 0.20 | 0.50 | 0.30 | -0.10 | 0.65 | 0.27 | 0.15 | -0.68 |
| DAYS | 31 | 28 | 30 | 29 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 363

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.20.

HIGHEST STAGE WAS 3.70 AT 5:00 P.M. ON MAR 17 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 0.85 ON JAN 12.

DAILY STAGE FOR 1987

INNER HARBOR NAVIGATION CANAL NEAR SEABROOK BRIDGE, NEW ORLEANS, LA.

LOCATION. LAT. 30-01-45, LONG. 90-01-38. BARGE PLANT WHARF ON EAST BANK, 250 FEET SOUTH OF SEABROOK BRIDGE. (STA. 7606006.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON JULY 16, 1976 GAGE WAS RAISED 1.42 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN 1 THRU JULY 16 WERE CORRECTED TO NEW DATUM PRIOR TO 1976 GAGE ZERO WAS M.L.G.

RECORDS AVAILABLE. VARIOUS MONTHS. 1942, 1944, 1945, 1959, AND 1960. DAILY, AUG. 18, 1962, TO DATE. PRIOR TO MAR. 4, 1965, GAGE WAS LOCATED AT SOUTHERN RAILROAD BRIDGE.

EXTREMES. (SINCE 1962) HIGHEST, 6.47 FEET (CAUSED BY HURRICANE) ON AUG. 18, 1969. LOWEST, MINUS 1.82 FEET ON FEB. 29, 1984. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.33 | 0.76 | 0.87 | -0.36 | -0.17 | 0.75 | 0.85 | 0.58 | 1.61 | 1.35 | 0.88 | 0.26 |
| 2 | 0.85 | 0.88 | 0.99 | -0.18 | -0.13 | 0.70 | 0.82 | 0.66 | 1.60 | 1.09 | 0.72 | 0.46 |
| 3 | 1.00 | 0.60 | 0.81 | -0.01 | 0.25 | 0.75 | 0.76 | 0.99 | 1.45 | 1.00 | 0.89 | 0.57 |
| 4 | 1.97 | 0.60 | 0.81 | -0.28 | 0.57 | 0.92 | 0.70 | 1.12 | 1.32 | 0.95 | 1.43 | 0.58 |
| 5 | 0.85 | 1.20 | 0.63 | -0.34 | 0.32 | 0.96 | 0.84 | 1.08 | 1.56 | 0.52 | | 0.52 |
| 6 | 0.32 | 2.20 | 0.64 | -0.40 | 0.20 | 1.07 | 1.23 | 1.06 | 1.39 | 0.32 | | 0.85 |
| 7 | 0.12 | 1.26 | 1.59 | -0.39 | 0.20 | 1.68 | 1.59 | 1.05 | 1.10 | 0.31 | | 1.25 |
| 8 | 0.20 | 0.60 | 1.35 | -0.12 | 0.24 | 1.91 | 1.43 | 1.06 | 0.91 | 0.51 | | 1.95 |
| 9 | 0.35 | 0.20 | 0.25 | -0.31 | 1.05 | 1.87 | 1.35 | 0.96 | 0.55 | 0.84 | | 1.89 |
| 10 | 0.43 | 0.18 | | -0.32 | 1.76 | 1.65 | 1.23 | 0.94 | 0.43 | 1.09 | | 1.45 |
| 11 | -0.19 | 0.31 | | -0.5 | 1.70 | 1.56 | 1.04 | 0.56 | 0.78 | 1.16 | | 1.03 |
| 12 | -0.35 | 0.39 | | 0.12 | 1.50 | 1.38 | 0.90 | 0.07 | 1.01 | 0.89 | | 0.92 |
| 13 | -0.35 | 0.26 | | 0.92 | 1.38 | 1.23 | 0.60 | -0.20 | 0.94 | 0.72 | | 0.93 |
| 14 | -0.06 | 0.66 | | 1.37 | 1.12 | 1.00 | 0.34 | 0.25 | 0.96 | 0.98 | | 1.65 |
| 15 | 0.71 | 1.01 | | -0.11 | 0.65 | 1.06 | 0.62 | 0.82 | 0.89 | 1.32 | | 1.59 |
| 16 | 0.92 | 1.19 | | -0.38 | 0.80 | 0.63 | 0.83 | 1.07 | 0.92 | 1.04 | | 0.62 |
| 17 | 1.10 | | | -0.25 | 0.88 | 0.52 | 1.02 | 0.86 | 1.10 | 0.82 | | 0.34 |
| 18 | 1.51 | 0.28 | | -0.18 | 0.84 | 0.48 | 1.21 | 0.83 | 1.07 | 0.64 | | 0.50 |
| 19 | 0.31 | 0.33 | | -0.21 | 0.43 | 0.55 | 1.72 | 0.78 | 0.99 | 0.63 | | 0.90 |
| 20 | 0.77 | 0.67 | | -0.15 | 0.57 | 0.90 | 2.00 | 0.68 | 1.12 | 0.61 | | 1.16 |
| 21 | 0.85 | | | -0.33 | 0.79 | 1.11 | 2.46 | 0.56 | 1.21 | 0.76 | | 1.33 |
| 22 | 1.03 | 1.68 | | -0.35 | 0.61 | 1.28 | 1.91 | 0.65 | 1.09 | 1.25 | | 1.41 |
| 23 | -0.31 | | | -0.17 | 1.04 | 1.34 | 1.72 | 0.67 | 1.16 | 1.16 | | 1.25 |
| 24 | -0.23 | | | -0.23 | 1.24 | 1.17 | 1.47 | 0.61 | 1.09 | 1.45 | | 1.38 |
| 25 | 0.67 | | | -0.02 | 1.24 | 0.97 | 1.34 | 0.66 | 0.97 | 1.35 | | 1.29 |
| 26 | -0.11 | 2.23 | | 0.22 | 1.41 | 0.74 | 1.49 | 0.90 | 1.05 | 1.28 | 1.70 | 1.24 |
| 27 | -0.17 | 1.75 | | | 1.42 | 0.98 | 1.12 | 0.84 | 1.26 | 1.30 | 1.73 | 1.06 |
| 28 | -0.06 | 1.72 | | -0.16 | 1.37 | 0.99 | 0.86 | 0.79 | 1.52 | 1.16 | 1.87 | 0.65 |
| 29 | 0.38 | ----- | | 0.04 | 1.26 | 1.00 | 0.88 | 1.03 | 1.56 | 1.05 | 1.00 | -0.26 |
| 30 | 0.64 | ----- | | -0.06 | 1.21 | 1.04 | 0.92 | 1.29 | 1.56 | 0.94 | 0.46 | -0.02 |
| 31 | 0.63 | ----- | | ----- | 1.05 | ----- | 0.95 | 1.43 | ----- | 0.95 | ----- | 0.51 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|-------|------|------|-------|------|------|------|-------|
| MEAN | 0.49 | 0.91 | 0.88 | -0.10 | 0.87 | 1.07 | 1.17 | 0.80 | 1.14 | 0.95 | 1.19 | 0.94 |
| MAX | 1.97 | 2.23 | 1.59 | 1.37 | 1.76 | 1.91 | 2.46 | 1.43 | 1.61 | 1.45 | 1.87 | 1.95 |
| MIN | -0.35 | 0.18 | 0.25 | -0.40 | -0.17 | 0.48 | 0.34 | -0.20 | 0.43 | 0.31 | 0.46 | -0.26 |
| DAYS | 31 | 23 | 9 | 29 | 31 | 30 | 31 | 31 | 30 | 31 | 9 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 316

THE MEAN STAGE FOR THE YEAR WAS 0.84

HIGHEST STAGE WAS 4.00 AT 10:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.40 ON APR 6.

DAILY STAGE FOR 1987

INNER HARBOR NAVIGATION CANAL (IHN) AT FLORIDA AVE. BRIDGE, NEW ORLEANS, LA

LOCATION. LAT. 29-58-53, LONG 90-01-15. FLORIDA AVENUE BRIDGE AT BRIDGE CONTROL HOUSE,
AND 4.3 MILES NORTHEAST FROM FOOT OF CANAL STREET. (STA. 7612007.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT

GENERAL INFORMATION. ON FEB. 26, 1979 GAGE WAS RAISED 21.28 FEET TO AGREE WITH NEW BENCHMARK
ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU FEB. 26 WERE CORRECTED TO NEW DATUM
PRIOR TO 1979 GAGE ZERO WAS MINUS 20.55 FEET, NGVD.

RECORDS AVAILABLE. JULY 1944 TO DATE. SUBTRACT 0.2 FROM DAILY STAGES PRIOR TO 1955

EXTREMES (SINCE 1945) HIGHEST, 9.82 FEET (CAUSED BY HURRICANE) ON AUG 18, 1969. LOWEST, MINUS
2.02 FEET ON FEB. 12, 1985. EXTREMES HAVE BEEN ADJUSTED TO NGVD

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|------|-------|---------|--------|-------|-------|
| 1 | | 0.80 | 0.45 | -0.01 | -0.20 | 0.55 | 0.72 | 0.59 | 2.20 | 2.00 | m | -0.17 |
| 2 | | 0.80 | 1.30 | -0.08 | 0.09 | 0.65 | 0.78 | 0.75 | 2.18 | 1.53 | 0.81 | |
| 3 | | 0.55 | 1.08 | -0.02 | 0.50 | 0.68 | 0.89 | 1.22 | 1.93 | 1.50 | 1.18 | |
| 4 | | 0.58 | 1.02 | -0.32 | 0.51 | 0.96 | 0.91 | 1.42 | 1.89 | 1.50 | 2.09 | |
| 5 | | 1.25 | 0.64 | -0.50 | 0.02 | 1.10 | 1.10 | 1.57 | 2.19 | 0.59 F | 0.55 | |
| 6 | | 2.06 | 0.52 | -0.75 | 0.02 | 1.30 | 1.60 | 1.49 | 1.71 | 0.30 | 1.32 | |
| 7 | F | 0.05 | 0.65 | 1.88 | -0.66 | 0.00 | 2.00 | 1.99 | 1.40 | 1.23 | 0.37 | 0.91 |
| 8 | | 0.02 | -0.01 | 0.80 | -0.42 | 0.10 | 2.20 | 1.74 | 1.32 | 0.89 | 0.60 | 1.28 |
| 9 | | 0.20 | -0.09 | -0.40 | -0.68 | 0.45 | 2.10 | 1.75 | 1.10 | 0.62 | 0.92 | 1.52 |
| 10 | | 0.10 | -0.20 | 0.10 | -0.65 | 1.10 | 1.90 | 1.60 | 0.92 | 0.50 | 1.12 | 0.75 |
| 11 | -0.40 | -0.12 | 0.52 | -0.38 | 1.15 | 1.80 | 1.34 | 0.42 | 0.90 | 1.26 | 0.64 | |
| 12 | -0.50 | -0.02 | 0.40 | 0.10 | 1.10 | 1.55 | 1.05 | -0.15 | 1.23 | 0.99 | 1.20 | |
| 13 | -0.35 | -0.10 | 0.50 | 0.88 | 1.15 | 1.38 | 0.55 | -0.28 | 1.13 | 1.28 | 0.80 | |
| 14 | -0.09 | 0.45 | 0.30 | 1.48 | 0.70 | 1.05 | 0.11 | 0.40 | 1.49 | 1.65 | 1.19 | |
| 15 | 0.75 | 1.05 | 0.80 | -0.65 | 0.18 | 1.22 | 0.89 | 1.14 | 1.38 | 1.88 | 1.40 | |
| 16 | 1.20 | 1.02 | 1.20 | -0.78 | 0.68 | 0.30 | 1.09 | 1.39 | 1.40 | 1.30 | 1.78 | |
| 17 | 1.12 | 0.65 | 2.16 | -0.68 | 0.50 | 0.20 | 1.18 | 1.17 | 1.57 | 1.00 | 1.07 | |
| 18 | 1.40 | 0.20 | 2.42 | -0.65 | 0.40 | 0.45 | 1.55 | 1.18 | 1.50 | 0.82 | 1.21 | |
| 19 | -0.28 | 0.68 | 1.90 | -0.49 | 0.15 | 0.68 | 2.19 | 1.14 | 1.38 | 0.65 | 1.20 | |
| 20 | 1.00 | 0.48 | 1.48 | -0.28 | 0.38 | 1.20 | 2.44 | 1.22 | 1.64 | 0.51 | 0.67 | |
| 21 | 1.12 | 1.59 | 0.92 | -0.75 | 0.70 | 1.50 | 2.74 | 1.02 | 1.46 | 0.78 | 0.71 | |
| 22 | 0.50 | 1.22 | 0.58 | -0.72 | 0.50 | 1.80 | 2.01 | 1.10 | 1.01 | 1.57 | 0.70 | |
| 23 | -0.80 | -0.04 | 0.92 | -0.38 | 1.45 | 1.75 | 1.98 | 1.09 | 1.30 | 1.02 | 1.24 | |
| 24 | -0.60 | 0.68 | 1.98 | -0.28 | 1.42 | 1.52 | 1.60 | 0.91 | 0.99 | 1.35 | 1.52 | |
| 25 | 0.20 | 1.28 | 1.22 | 0.58 | 1.52 | 1.28 | 1.50 | 0.90 | 0.92 | 1.18 | 1.75 | |
| 26 | -0.59 | 2.10 | 1.42 | 0.58 | 1.85 | 1.00 | 1.50 | 1.08 | 0.95 | 1.27 | 2.17 | |
| 27 | -0.55 | 1.35 | 1.36 | 0.60 | 1.62 | 1.35 | 1.18 | 0.90 | 1.32 | 1.20 | 2.05 | |
| 28 | -0.47 | 1.85 | 1.42 | -0.20 | 1.48 | 1.25 | 0.71 | 0.99 | 1.78 | 1.50 | 1.66 | |
| 29 | 0.20 | ----- | 1.48 | 0.43 | 1.40 | 1.10 | 0.97 | 1.30 | 1.78 | 1.53 | 0.92 | |
| 30 | 0.50 | ----- | 1.25 | 0.02 | 1.20 | 1.00 | 1.02 | 1.60 | 2.00 | 1.30 | -0.12 | |
| 31 | 0.60 | ----- | -0.57 | ----- | 1.10 | ----- | 1.03 | 1.83 | ----- F | 0.62 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|-------|------|------|-------|-------|
| MEAN | 0.17 | 0.74 | 1.00 | -0.19 | 0.75 | 1.23 | 1.35 | 1.04 | 1.42 | 1.13 | 1.18 | -0.17 |
| MAX | 1.40 | 2.10 | 2.42 | 1.48 | 1.85 | 2.20 | 2.74 | 1.83 | 2.20 | 2.00 | 2.17 | -0.17 |
| MIN | -0.80 | -0.20 | -0.57 | -0.78 | -0.20 | 0.20 | 0.11 | -0.28 | 0.50 | 0.30 | -0.12 | -0.17 |
| DAYS | 25 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 29 | 1 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 328

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.90

HIGHEST STAGE WAS 3.92 AT 6.00 P.M. ON MAR 23

LOWEST STAGE WAS MINUS 1.06 ON JAN 12

DAILY STAGE FOR 1987

INNER HARBOR NAVIGATION CANAL (IHW) AT NEW ORLEANS, LA.

LOCATION. LAT. 29-57-52, LONG. 90-01-42. LAKE END OF INNER HARBOR NAVIGATION CANAL LOCK, 3.3 MILES NORTHEAST FROM FOOT OF CANAL STREET. (STA. 7616007.)

GAGE. STAFF TYPE.

GENERAL INFORMATION. ON MAR. 18, 1975 GAGE WAS RAISED 33.15 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAR. 17 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 32.19 FEET, NGVD.

RECORDS AVAILABLE. MAY 17, 1922, TO DATE.

EXTREMES. HIGHEST, 10.61 FEET (FROM HIGHWATER MARK) (CAUSED BY HURRICANE BETSY) ON SEP. 10, 1965. LOWEST, MINUS 1.90 FEET ON FEB. 12, 1985. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|-----|------|-------|-----|-------|------|
| 1 | 1.3 | 0.8 | 0.4 | 0.0 | -0.6 | 0.3 | 0.4 | 0.5 | 2.1 | 1.8 | 1.0 | -0.2 |
| 2 | 0.6 | 0.8 | 1.2 | 0.0 | -0.4 | 0.0 | 0.5 | 0.8 | 2.2 | 1.5 | 0.7 | 0.9 |
| 3 | 1.5 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.1 | 1.8 | 1.5 | 0.8 | -0.2 |
| 4 | 1.8 | 0.3 | 0.8 | -0.6 | 0.1 | 0.8 | 0.7 | 1.2 | 1.6 | 1.5 | 1.4 | 0.2 |
| 5 | 1.0 | 1.0 | 0.4 | 0.6 | -0.2 | 1.0 | 1.0 | 1.3 | 2.0 | 0.7 | 1.0 | 0.5 |
| 6 | 0.4 | 1.9 | 0.4 | -0.1 | 0.8 | 1.0 | 1.5 | 1.0 | 1.4 | 0.3 | 1.5 | 1.8 |
| 7 | 0.2 | 0.6 | 1.7 | 0.8 | 0.6 | 1.6 | 1.6 | 0.1 | 0.8 | 0.4 | 1.4 | 1.9 |
| 8 | -0.2 | -0.2 | 0.6 | 0.8 | 0.0 | 2.0 | 1.6 | 1.0 | 0.9 | 0.5 | 1.6 | 2.2 |
| 9 | 0.0 | -0.2 | -0.6 | 0.6 | 0.3 | 2.0 | 1.3 | 0.7 | 0.6 | 0.8 | 2.0 | 1.6 |
| 10 | -0.2 | 0.0 | 0.0 | 0.6 | 0.7 | 1.6 | 1.2 | 0.7 | 0.4 | 1.2 | 1.0 | 1.0 |
| 11 | -0.7 | 0.0 | 0.5 | 0.7 | 1.0 | 1.5 | 0.6 | 0.3 | 1.0 | 1.4 | 0.9 | 0.8 |
| 12 | -0.7 | -0.3 | 0.5 | 0.2 | 0.8 | 1.4 | 0.2 | -0.5 | 1.4 | 1.2 | 1.3 | 1.0 |
| 13 | -0.6 | 0.0 | -0.6 | 0.6 | 0.8 | 0.8 | 0.2 | 0.7 | 1.5 | 1.1 | 0.6 | 1.6 |
| 14 | 0.5 | 0.2 | 0.1 | 1.6 | 0.5 | 0.5 | 1.5 | 0.3 | 1.5 | 1.5 | 1.2 | 1.6 |
| 15 | 0.7 | 1.1 | 0.8 | -1.0 | -0.5 | 2.1 | 0.7 | 1.2 | 0.0 | 1.5 | 1.4 | 1.6 |
| 16 | 1.2 | 0.9 | 1.1 | 0.0 | 0.0 | 0.0 | 0.7 | 1.4 | 1.2 | 1.2 | 1.6 | 0.0 |
| 17 | 1.2 | 0.5 | 2.1 | 0.0 | 0.1 | 0.0 | 1.0 | 1.0 | 1.4 | 1.0 | 1.0 | 0.9 |
| 18 | 1.5 | 0.0 | 2.0 | -1.0 | 0.0 | 0.5 | 1.4 | 1.2 | 1.4 | 0.9 | 1.7 | 0.0 |
| 19 | -0.3 | 0.5 | 1.0 | -0.8 | 0.0 | 0.7 | 2.0 | 1.0 | 1.2 | 0.8 | 1.0 | 0.4 |
| 20 | 1.1 | 0.5 | 1.3 | -0.7 | 0.2 | 0.8 | 2.0 | 1.0 | 1.5 | 0.5 | 0.8 | 0.4 |
| 21 | 1.0 | 1.6 | 1.0 | -0.8 | 0.4 | 1.0 | 2.5 | 0.9 | 1.0 | 0.8 | 1.0 | 0.8 |
| 22 | 0.5 | 1.6 | 0.5 | 0.6 | 0.4 | 1.0 | 2.0 | 0.9 | 1.0 | 1.5 | 0.4 | 1.3 |
| 23 | -0.8 | -0.3 | 0.7 | -0.4 | 1.0 | 1.5 | 2.5 | 0.6 | 1.4 | 1.0 | 1.4 | 1.2 |
| 24 | -0.5 | 0.7 | 2.0 | 0.6 | 1.3 | 1.0 | 1.4 | 0.6 | 1.0 | 1.5 | 1.6 | 1.4 |
| 25 | 0.0 | 1.0 | 1.0 | 0.4 | 1.6 | 0.8 | 1.2 | 0.6 | 1.0 | 1.0 | 1.5 | 1.3 |
| 26 | -0.7 | 1.7 | 1.4 | 0.6 | 1.5 | 0.6 | 1.1 | 1.0 | 1.0 | 1.1 | 2.1 | 1.2 |
| 27 | -0.6 | 1.4 | 1.4 | -0.4 | 1.5 | 0.8 | 0.7 | 1.0 | 1.5 | 1.0 | 2.0 | 0.8 |
| 28 | -0.5 | 1.9 | 1.6 | 0.5 | 1.5 | 1.0 | 0.6 | 1.0 | 1.9 | 1.4 | 1.8 | 0.0 |
| 29 | 0.3 | ----- | 1.6 | 0.5 | 0.8 | 0.7 | 0.8 | 1.5 | 1.9 | 1.5 | 1.0 | -1.0 |
| 30 | 0.2 | ----- | 1.6 | -0.3 | 1.0 | 0.6 | 0.8 | 1.7 | 2.0 | 1.4 | -0.2 | -0.4 |
| 31 | 0.2 | ----- | 0.5 | ----- | 0.6 | ----- | 1.0 | 1.8 | ----- | 1.5 | ----- | 0.0 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|-----|-----|------|-----|-----|------|------|
| MEAN | 0.3 | 0.7 | 0.9 | 0.1 | 0.5 | 0.9 | 1.1 | 0.9 | 1.3 | 1.1 | 1.2 | 0.8 |
| MAX | 1.8 | 1.9 | 2.1 | 1.6 | 1.6 | 2.1 | 2.5 | 1.8 | 2.2 | 1.8 | 2.1 | 2.2 |
| MIN | -0.8 | -0.3 | -0.6 | -1.0 | -0.6 | 0.0 | 0.2 | -0.5 | 0.0 | 0.3 | -0.2 | -1.0 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 0.8

HIGHEST STAGE WAS 2.5 ON JUL 21, AND JUL 23

LOWEST STAGE WAS MINUS 1.0 ON APR 15, AND APR 18, AND DEC 29.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY AT HARVEY LOCK (LA.)

LOCATION. LAT. 29-54-31, LONG. 90-05-02. STEEL STRUCTURE ON CANALSIDE TAILBAY WALL. (STA. 7620007.)

GAGE. WIRE WEIGHT TYPE.

GENERAL INFORMATION. ON DEC. 5, 1974 GAGE WAS RAISED 1.68 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU DEC. 4 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS AT M.L. 0.

RECORDS AVAILABLE. JAN. 1, 1925, TO DATE.

EXTREMES. HIGHEST, 4.74 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 1.28 FEET ON JAN. 26 AND 27, 1940. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 0.60 | 0.60 | 1.54 | 0.85 | 0.30 | 1.20 | 1.15 | 0.65 | 0.63 | 0.41 | 0.64 | 0.70 |
| 2 | 0.76 | 0.71 | 0.97 | 0.72 | 0.25 | 1.30 | 1.37 | 0.78 | 0.68 | 0.50 | 0.59 | 0.72 |
| 3 | 0.56 | 0.68 | 0.60 | 0.42 | 0.55 | 1.24 | 1.17 | 0.70 | 0.77 | 0.40 | 0.57 | 0.90 |
| 4 | 0.96 | 0.60 | 0.40 | 0.25 | 0.95 | 0.87 | 1.05 | 0.68 | 0.64 | 0.08 | 0.62 | 0.76 |
| 5 | 0.46 | 0.41 | 0.35 | 0.26 | 1.02 | 0.76 | 1.10 | 0.68 | 0.64 | 0.09 | 0.97 | 0.50 |
| 6 | 0.60 | 0.61 | 0.44 | 0.20 | 0.95 | 0.84 | 1.03 | 0.74 | 1.26 | 0.62 | 0.52 | 0.54 |
| 7 | 1.40 | 0.74 | 0.26 | 0.43 | 0.86 | 0.93 | 1.13 | 0.84 | 1.20 | 0.57 | 0.81 | 0.75 |
| 8 | 1.53 | 0.47 | 0.95 | 0.45 | 0.61 | 1.36 | 1.33 | 0.85 | 1.00 | 0.58 | 0.90 | 1.20 |
| 9 | 0.67 | 0.14 | 0.84 | 0.32 | 0.48 | 1.50 | 1.10 | 0.86 | 1.15 | 0.58 | 0.94 | 1.70 |
| 10 | 0.68 | 0.07 | 0.76 | 0.41 | 0.83 | 1.40 | 1.16 | 1.16 | 0.84 | 0.55 | 1.26 | 1.15 |
| 11 | 0.53 | 0.28 | 0.35 | 0.55 | 0.86 | 1.70 | 1.20 | 1.10 | 1.85 | 0.57 | 1.01 | 0.95 |
| 12 | 0.15 | 0.44 | 0.44 | 0.73 | 0.74 | 1.61 | 1.14 | 1.02 | 0.77 | 0.05 | 0.22 | 1.09 |
| 13 | 0.15 | 0.48 | 0.71 | 1.02 | 0.82 | 1.67 | 1.50 | 0.90 | 0.75 | 0.00 | 0.28 | 0.70 |
| 14 | 0.07 | 0.98 | 0.53 | 0.98 | 0.71 | 1.64 | 1.14 | 0.77 | 0.85 | 0.09 | 0.39 | 1.21 |
| 15 | 0.53 | 0.67 | 0.61 | 1.41 | 0.81 | 1.75 | 1.15 | 0.68 | 0.85 | 0.34 | 0.63 | 1.22 |
| 16 | 0.55 | 0.75 | 0.71 | 1.30 | 0.65 | 1.65 | 0.76 | 0.56 | 0.85 | 0.60 | 1.25 | 0.67 |
| 17 | 0.81 | 0.69 | 1.08 | 1.10 | 0.72 | 1.78 | 0.92 | 0.45 | 0.90 | 0.66 | 1.57 | 0.31 |
| 18 | 1.31 | 0.38 | 1.70 | 1.01 | 0.70 | 1.45 | 0.92 | 0.61 | 1.04 | 0.56 | 1.65 | 0.30 |
| 19 | 1.21 | 0.36 | 1.62 | 0.67 | 0.74 | 1.50 | 0.76 | 0.55 | 1.08 | 0.62 | 0.99 | 0.56 |
| 20 | 1.21 | 0.17 | 1.45 | 0.72 | 0.80 | 1.24 | 0.82 | 0.75 | 0.80 | 0.80 | 0.83 | 0.96 |
| 21 | 0.53 | 0.48 | 1.45 | 0.58 | 0.80 | 1.22 | 1.20 | 0.34 | 0.93 | 0.30 | 0.80 | 0.76 |
| 22 | 0.77 | 0.91 | 1.41 | 0.55 | 0.94 | 1.29 | 1.20 | 0.32 | 0.94 | 0.25 | 0.76 | 0.92 |
| 23 | 0.18 | 1.20 | 1.06 | 0.34 | 0.74 | 1.27 | 1.20 | 0.48 | 0.65 | 0.58 | 0.33 | 0.86 |
| 24 | 0.37 | 0.34 | 2.05 | 0.26 | 0.79 | 1.29 | 1.28 | 0.57 | 0.95 | 0.79 | 0.78 | 1.03 |
| 25 | 0.77 | 0.65 | 1.75 | 0.06 | 0.81 | 1.20 | 1.34 | 0.52 | 0.97 | 0.87 | 0.97 | 1.27 |
| 26 | 0.61 | 0.72 | 1.60 | 0.04 | 1.03 | 1.18 | 1.26 | 0.99 | 1.02 | 0.53 | 1.04 | 1.31 |
| 27 | 0.24 | 1.36 | 1.64 | 0.03 | 1.24 | 0.96 | 1.15 | 1.11 | 1.01 | 0.88 | 1.04 | 1.28 |
| 28 | 0.40 | 1.78 | 1.60 | 0.30 | 1.31 | 0.92 | 1.16 | 1.08 | 1.06 | 0.91 | 1.10 | 0.55 |
| 29 | 0.34 | ----- | 1.54 | 0.97 | 1.35 | 0.90 | 1.14 | 0.87 | 1.02 | 0.46 | 0.65 | 0.55 |
| 30 | 0.56 | ----- | 1.55 | 0.15 | 1.40 | 1.20 | 0.88 | 0.63 | 0.90 | 0.60 | 0.68 | 0.05 |
| 31 | 0.66 | ----- | 1.10 | ----- | 1.44 | ----- | 0.87 | 0.64 | ----- | 0.59 | ----- | 0.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 0.65 | 0.63 | 1.07 | 0.57 | 0.85 | 1.29 | 1.12 | 0.74 | 0.93 | 0.50 | 0.83 | 0.83 |
| MAX | 1.53 | 1.78 | 2.05 | 1.41 | 1.44 | 1.78 | 1.50 | 1.16 | 1.85 | 0.91 | 1.65 | 1.70 |
| MIN | 0.07 | 0.07 | 0.26 | 0.03 | 0.25 | 0.76 | 0.76 | 0.32 | 0.63 | 0.00 | 0.22 | 0.05 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 0.83.

HIGHEST STAGE WAS 2.05 ON MAR 24.

LOWEST STAGE WAS 0.00 ON OCT 13.

DAILY STAGE FOR 1987

INTRACASTAL WATERWAY AT ALGIERS LOCK (LA.)

LOCATION. LAT. 29-54-43, LONG. 89-58-28. ON SOUTHWEST CORNER OF CANALSIDE TAILBAY WALL. (STA. 7624004.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON DEC. 5, 1974 GAGE WAS RAISED 1.89 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU DEC. 4 WERE CORRECTED TO NEW DATUM. PRIOR TO 1974 GAGE ZERO WAS MINUS 0.22 FOOT, M. L. G.

RECORDS AVAILABLE. MAY 1, 1956, TO DATE.

EXTREMES. HIGHEST, 4.45 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 1.64 FEET (CAUSED BY HURRICANE) ON SEP. 9, 1965. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | 0.64 | 0.26 | 1.05 | 0.51 | 0.15 | 1.08 | 1.10 | 0.65 | 0.46 | 0.40 | 0.48 | 0.50 |
| 2 | 0.63 | 0.56 | 0.55 | 0.55 | 0.25 | 1.02 | 1.12 | 0.56 | 0.59 | 0.55 | 0.42 | 0.48 |
| 3 | 0.51 | 0.36 | 0.30 | 0.50 | 0.68 | 1.05 | 1.10 | 0.52 | 0.71 | 0.20 | 0.60 | 0.58 |
| 4 | 0.76 | 0.46 | 0.00 | 0.20 | 0.82 | 0.95 | 1.30 | 0.58 | 0.60 | 1.03 | 0.65 | 0.62 |
| 5 | 0.36 | 0.24 | 0.10 | -0.03 | 0.90 | 0.70 | 1.00 | 0.65 | 0.70 | 0.30 | 0.88 | 0.44 |
| 6 | 0.44 | 0.46 | 0.30 | 0.05 | 0.75 | 0.63 | 1.15 | 0.52 | 0.79 | 0.38 | 0.43 | 0.51 |
| 7 | 0.44 | 0.38 | 0.18 | 0.18 | 0.64 | 0.78 | 1.25 | 0.58 | 0.81 | 0.35 | 0.64 | 0.98 |
| 8 | 0.61 | 0.28 | 0.60 | 0.25 | 0.60 | 1.12 | 1.50 | 0.52 | 1.02 | 0.18 | 0.75 | 1.16 |
| 9 | 0.44 | -0.14 | 0.80 | 0.25 | 0.30 | 1.28 | 1.20 | 0.70 | 0.86 | 0.25 | 1.23 | 1.08 |
| 10 | 0.46 | -0.14 | 0.50 | 0.30 | 0.70 | 1.23 | 1.11 | 1.00 | 0.78 | 0.22 | 1.12 | 1.02 |
| 11 | -0.02 | 0.23 | 0.25 | 0.30 | 0.80 | 1.35 | 1.10 | 1.00 | 0.90 | 0.28 | 0.20 | 0.80 |
| 12 | -0.09 | 0.30 | 0.18 | 0.50 | 0.70 | 1.50 | 1.10 | 0.98 | 0.90 | -0.09 | -0.05 | 0.88 |
| 13 | 0.01 | 0.26 | 0.20 | 0.85 | 0.66 | 1.45 | 1.11 | 0.68 | 0.91 | -0.30 | 0.07 | 0.68 |
| 14 | 0.06 | 0.30 | 0.38 | 1.20 | 0.70 | 1.45 | 1.11 | 0.50 | 0.83 | -0.15 | 0.16 | 1.15 |
| 15 | 0.41 | 0.40 | 0.50 | 1.02 | 0.76 | 1.55 | 0.80 | 0.41 | 0.62 | 0.15 | 0.45 | 1.28 |
| 16 | 0.76 | 0.98 | 0.80 | 0.70 | 0.51 | 1.30 | 0.60 | 0.40 | 0.77 | 0.35 | 1.05 | 0.48 |
| 17 | 0.66 | 0.48 | 0.95 | 0.32 | 0.47 | 1.20 | 0.75 | 0.37 | 0.95 | 0.44 | 1.48 | 0.02 |
| 18 | 1.06 | 0.20 | 1.45 | 0.42 | 0.60 | 1.38 | 0.78 | 0.33 | 0.95 | 0.39 | 0.80 | 0.12 |
| 19 | 0.91 | -0.35 | 1.30 | 0.41 | 0.58 | 1.22 | 0.72 | 0.30 | 0.94 | 0.50 | 0.80 | 0.30 |
| 20 | 0.46 | -0.15 | 1.15 | 0.40 | 0.70 | 1.05 | 0.90 | 0.29 | 0.68 | 0.67 | 0.62 | 0.67 |
| 21 | -0.04 | 0.15 | 1.25 | 0.50 | 0.80 | 1.08 | 1.00 | 0.10 | 0.61 | 0.10 | 0.25 | 0.70 |
| 22 | 0.36 | 0.80 | 1.15 | 0.32 | 0.90 | 1.10 | 1.11 | 0.12 | 0.70 | 0.05 | 0.45 | 0.80 |
| 23 | 0.06 | 0.00 | 1.35 | 0.22 | 0.65 | 1.08 | 1.10 | 0.27 | 0.51 | 0.28 | 0.60 | 0.77 |
| 24 | 0.14 | -0.10 | 1.80 | 0.18 | 0.75 | 1.10 | 1.19 | 0.41 | 0.80 | 0.75 | 0.53 | 0.65 |
| 25 | 0.66 | 0.20 | 1.55 | -0.27 | 0.82 | 1.05 | 1.13 | 0.61 | 1.10 | 0.85 | 0.80 | 0.95 |
| 26 | 0.26 | 0.70 | 1.32 | -0.41 | 1.15 | 1.10 | 1.12 | 0.80 | 1.00 | 1.00 | 0.98 | 1.15 |
| 27 | 0.00 | 0.90 | 1.48 | 0.24 | 1.12 | 0.80 | 1.04 | 0.65 | 0.95 | 0.67 | 0.98 | 1.09 |
| 28 | 0.20 | 1.30 | 1.38 | -0.08 | 1.30 | 0.62 | 0.98 | 0.71 | 0.90 | 0.41 | 0.97 | 0.94 |
| 29 | 0.08 | ----- | 1.38 | -0.28 | 1.30 | 0.88 | 0.90 | 0.55 | 0.90 | 0.40 | 0.50 | 0.15 |
| 30 | 0.55 | ----- | 1.48 | -0.05 | 1.18 | 0.90 | 0.83 | 0.45 | 0.70 | 0.64 | 0.60 | -0.25 |
| 31 | 0.28 | ----- | 0.90 | ----- | 1.23 | ----- | 0.81 | 0.57 | ----- | 0.55 | ----- | 0.18 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| MEAN | 0.39 | 0.33 | 0.86 | 0.31 | 0.76 | 1.10 | 1.03 | 0.54 | 0.80 | 0.38 | 0.65 | 0.67 |
| MAX | 1.06 | 1.30 | 1.80 | 1.20 | 1.30 | 1.55 | 1.50 | 1.00 | 1.10 | 1.03 | 1.48 | 1.28 |
| MIN | -0.09 | -0.35 | 0.00 | -0.41 | 0.15 | 0.62 | 0.60 | 0.10 | 0.46 | -0.30 | -0.05 | -0.25 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
 THE MEAN STAGE FOR THE YEAR WAS 0.65.
 HIGHEST STAGE WAS 2.38 AT 10:30 P. M. ON MAR 23.
 LOWEST STAGE WAS MINUS 0.50 ON OCT 12.

DAILY STAGE FOR 1987

BAYOU PETIT CAILLOU AT COCODRIE, LA.

LOCATION. LAT. 29-14-43, LONG. 90-39-48. ON LOUISIANA LAND AND EXPLORATION COMPANY WHARF ON NORTH BANK OF LITTLE COCODRIE BAYOU, 600 FEET WEST OF JUNCTION WITH BAYOU PETIT CAILLOU, AND AT THE END OF STATE HIGHWAY 56. (STA. 7630507.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON FEB. 25, 1987 GAGE WAS RAISED 1.15 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU FEB. 24 WERE CORRECTED TO NEW DATUM. PRIOR TO 1987 GAGE ZERO WAS 0.19 FOOT NGVD.

RECORDS AVAILABLE. STAGE, MAR. 1969 TO SEP. 8, 1974 AND JAN. 20, 1975 TO DATE.

EXTREMES. HIGHEST, 11.64 FEET (FROM HIGH WATER MARK) IN 1974. LOWEST, MINUS 1.70 FEET ON MAR. 30, 1987 AND LATER DATES. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| 1 | | | | 0.22 | 0.18 | 1.05 | 0.69 | 0.33 | 0.24 | 0.75 | 0.37 | -0.45 |
| 2 | | | | 0.14 | 0.46 | 0.89 | 0.60 | 0.26 | 0.33 | 1.00 | 0.09 | -0.57 |
| 3 | | | | -1.09 | 0.63 | 0.86 | 0.56 | 0.46 | 0.42 | 0.34 | 0.05 | -0.75 |
| 4 | | | | -0.31 | 0.64 | 0.75 | 0.58 | 0.77 | 0.45 | 0.41 | 0.01 | -0.87 |
| 5 | | | | -0.82 | 0.25 | 0.60 | 0.64 | 0.95 | 0.57 | 0.43 | -0.09 | -0.75 |
| 6 | | | | -0.72 | 0.06 | 0.68 | 0.98 | 1.16 | 0.52 | 0.14 | -0.52 | -0.28 |
| 7 | | | | -0.59 | -0.01 | 1.53 | 1.25 | 1.17 | 0.34 | -0.36 | 0.02 | 0.47 |
| 8 | | | | -0.75 | -0.18 | 1.72 | 1.16 | 1.14 | 0.20 | -0.41 | 0.21 | 0.13 |
| 9 | | | | -0.98 | 0.11 | 1.98 | 1.26 | 1.16 | -0.07 | -0.33 | 0.74 | 0.12 |
| 10 | | | | -0.67 | 0.19 | 1.99 | 1.31 | 1.20 | -0.13 | -0.47 | -0.28 | 0.06 |
| 11 | | | | -0.29 | 0.56 | 2.00 | 1.24 | 0.64 | 0.02 | -0.25 | -0.60 | -0.11 |
| 12 | | | | 0.20 | 1.08 | 1.87 | 1.05 | 0.13 | -0.01 | -0.52 | -0.18 | 0.19 |
| 13 | | | | 0.82 | 1.11 | 1.68 | 0.82 | -0.02 | 0.03 | -0.14 | -0.20 | 0.34 |
| 14 | | | | 0.79 | 1.13 | 1.36 | 0.34 | 0.03 | 0.10 | 0.25 | 0.39 | 0.72 |
| 15 | | | | 0.26 | 0.67 | 1.06 | 0.26 | 0.05 | 0.41 | 0.32 | 0.65 | -0.78 |
| 16 | | | | 0.11 | 0.71 | 0.84 | 0.33 | 0.24 | 0.87 | 0.58 | 1.13 | -1.00 |
| 17 | | | | 0.59 | 0.66 | 0.72 | 0.35 | 0.33 | 1.05 | 0.33 | 0.21 | -1.04 |
| 18 | | | | 0.31 | 0.49 | 0.79 | 0.51 | 0.16 | 1.04 | 0.30 | -0.02 | -0.90 |
| 19 | | | | 0.08 | 0.52 | 0.84 | 0.97 | 0.14 | 0.99 | 0.27 | -0.24 | -0.72 |
| 20 | | | | -0.12 | 0.49 | 1.09 | 1.27 | 0.21 | 0.78 | 0.25 | -0.78 | -0.58 |
| 21 | | | | -0.46 | 0.72 | 1.32 | 1.35 | 0.22 | 0.86 | -0.86 | -0.79 | -0.62 |
| 22 | | | | -0.93 | 0.57 | 1.44 | 1.45 | 0.15 | 0.42 | -0.20 | -0.54 | -0.46 |
| 23 | | | | -0.63 | 0.82 | 1.20 | 1.54 | 0.21 | 0.27 | -0.20 | -0.30 | -0.20 |
| 24 | | | F 0.90 | -0.77 | 1.01 | 1.17 | 1.39 | 0.24 | 0.21 | -0.19 | 0.10 | 0.05 |
| 25 | | | -0.16 | -0.21 | 1.40 | 1.08 | 1.19 | 0.25 | 0.11 | -0.19 | 0.30 | 0.48 |
| 26 | | | 0.17 | -0.09 | 1.67 | 0.89 | 1.04 | 0.19 | 0.16 | 0.05 | 0.61 | 0.47 |
| 27 | | | 0.16 | 0.11 | 1.90 | 0.68 | 0.85 | 0.10 | 0.30 | -0.15 | 0.71 | 0.37 |
| 28 | | | 0.59 | -0.01 | 1.90 | 0.82 | 0.62 | 0.03 | 0.53 | 0.08 | 0.12 | -0.72 |
| 29 | | ----- | 0.76 | 0.26 | 1.61 | 0.89 | 0.44 | 0.03 | 0.75 | 0.33 | 0.31 | -1.59 |
| 30 | | ----- | -0.14 | 0.28 | 1.42 | 0.82 | 0.57 | 0.05 | 0.26 | 0.32 | -0.03 | -0.92 |
| 31 | | ----- | -0.33 | ----- | 1.25 | ----- | 0.22 | 0.11 | ----- | 0.50 | ----- | -0.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|---|---|-------|-------|-------|------|------|-------|-------|-------|-------|-------|
| MEAN | | | 0.24 | -0.18 | 0.77 | 1.15 | 0.87 | 0.39 | 0.40 | 0.08 | 0.05 | -0.34 |
| MAX | | | 0.90 | 0.82 | 1.90 | 2.00 | 1.54 | 1.20 | 1.05 | 1.00 | 1.13 | 0.72 |
| MIN | | | -0.33 | -1.09 | -0.18 | 0.60 | 0.22 | -0.02 | -0.13 | -0.86 | -0.79 | -1.59 |
| DAYS | 0 | 0 | 8 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 283

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.35.

HIGHEST STAGE WAS 2.10 AT 9:00 A. M. ON JUN 11.

LOWEST STAGE WAS MINUS 1.70 ON MAR 30 AND LATER DATE(S).

DAILY STAGE FOR 1987

INTRACASTAL WATERWAY AT HOUMA, LA.

LOCATION. LAT. 29-35-56, LONG. 90-42-37. ON WOODEN REVETMENT, 10 FEET NORTH OF HIGHWAY 24
BRIDGE. (STA. 7632007.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON MAR. 23, 1977 GAGE WAS RAISED 0.78 FOOT TO AGREE WITH NEW GAGE ZERO.
STAGES FROM JAN. 1 THRU MAR. 23 WERE CORRECTED TO NEW DATUM. PRIOR TO 1977 GAGE ZERO WAS M.L.O.

RECORDS AVAILABLE. JULY 18, 1941, TO MAR. 25, 1945, NOV. 6 TO 19, 1945, AND FEB. 27, 1946, TO
DATE.

EXTREMES. HIGHEST, 5.17 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 0.53 FOOT ON
JAN. 13, 1956. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|--------|------|-------|------|-------|------|
| 1 | 1.63 | 1.40 | 1.90 | 1.78 | 1.01 | 1.60 | | 1.29 | 1.47 | 1.30 | 1.30 | 1.19 |
| 2 | 1.59 | 1.47 | 1.65 | 1.68 | 1.15 | 1.53 | | 1.28 | 1.53 | 1.47 | 1.15 | 1.09 |
| 3 | 1.72 | 1.25 | 1.45 | 1.53 | 1.43 | 1.49 | | 1.40 | 1.51 | 1.27 | 1.27 | 1.18 |
| 4 | 1.73 | 1.26 | 1.22 | 1.29 | 1.42 | 1.45 | | 1.46 | 1.50 | 0.87 | 1.31 | 1.20 |
| 5 | 1.48 | 1.38 | 1.13 | 1.16 | 1.49 | 1.30 | | 1.46 | 1.58 | 1.14 | 1.51 | 1.11 |
| 6 | 1.41 | 1.41 | 1.21 | 1.11 | 1.41 | 1.27 | 1.77 | 1.53 | 1.66 | 1.15 | 1.28 | 1.35 |
| 7 | 1.29 | 1.25 | 1.34 | 1.14 | 1.31 | 1.60 | | 1.50 | 1.60 | 1.05 | 1.45 | 1.73 |
| 8 | 1.25 | 1.05 | 1.58 | 1.19 | 1.30 | 1.80 | | 1.49 | 1.53 | 1.04 | 1.60 | 1.84 |
| 9 | 1.37 | 0.90 | 1.43 | 1.12 | 1.20 | 2.00 | | 1.50 | 1.33 | 1.22 | 1.83 | 1.80 |
| 10 | 1.38 | 0.83 | 1.45 | 1.10 | 1.40 | 1.96 | | 1.80 | 1.35 | 1.25 | 1.67 | 1.68 |
| 11 | 1.10 | 0.94 | 1.40 | 1.20 | 1.50 | 2.03 | | 1.68 | 1.54 | 1.32 | 0.93 | 1.50 |
| 12 | 0.92 | 1.05 | 1.30 | 1.51 | 1.48 | 2.12 | | 1.57 | 1.54 | 1.00 | 0.89 | 1.55 |
| 13 | 0.98 | 1.02 | 1.37 | 1.85 | 1.50 | 2.07 | | 1.38 | 1.60 | 0.80 | 1.03 | 1.46 |
| 14 | 1.09 | 1.13 | 1.43 | 1.97 | 1.35 | 2.15 | | 1.30 | 1.53 | 1.10 | 1.15 | 1.72 |
| 15 | 1.44 | 1.47 | 1.63 | 1.79 | 1.24 | 2.10 | | 1.29 | 1.45 | 1.23 | 1.42 | 1.76 |
| 16 | 1.62 | 1.62 | 1.80 | 1.52 | 1.10 | 2.02 | | 1.37 | 1.50 | 1.30 | 1.72 | 1.14 |
| 17 | 1.72 | 1.33 | 2.11 | 1.39 | 1.07 | 1.94 | | 1.34 | 1.65 | 1.30 | 1.85 | 0.90 |
| 18 | 1.93 | 1.03 | 2.29 | 1.33 | 1.14 | 2.00 | | 1.28 | 1.66 | 1.17 | 1.57 | 0.88 |
| 19 | 1.62 | 0.80 | 2.24 | 1.28 | 1.15 | 2.09 | | 1.22 | 1.67 | 1.20 | 1.55 | 1.02 |
| 20 | 1.33 | 0.85 | 2.14 | 1.23 | 1.25 | 1.94 | 1.68 | 1.15 | 1.52 | 1.33 | 1.30 | 1.34 |
| 21 | 1.16 | 1.10 | 2.10 | 1.25 | 1.32 | 1.91 | | 1.13 | 1.48 | 0.89 | 1.15 | 1.35 |
| 22 | 1.50 | 1.43 | 2.10 | 1.10 | 1.35 | 1.88 | | 1.05 | 1.49 | 0.95 | 1.29 | 1.55 |
| 23 | 1.16 | 1.18 | 2.20 | 1.02 | 1.30 | 1.86 | | 1.08 | 1.20 | 1.26 | 1.30 | 1.55 |
| 24 | 1.14 | 1.27 | 2.68 | 0.99 | 1.47 | 1.80 | | 1.12 | 1.40 | 1.40 | 1.60 | 1.65 |
| 25 | 1.48 | 1.35 | 2.43 | 0.84 | 1.53 | 1.72 | | 1.30 | 1.57 | 1.48 | 1.75 | 1.78 |
| 26 | 1.18 | 1.69 | 2.39 | 0.79 | 1.70 | 1.64 | | 1.40 | 1.63 | 1.56 | 1.81 | 1.78 |
| 27 | 1.02 | 1.88 | 2.37 | 0.97 | 1.80 | 1.53 | | 1.43 | 1.70 | 1.45 | 1.84 | 1.60 |
| 28 | 1.08 | 2.10 | 2.31 | 0.94 | 1.88 | 1.39 | | 1.35 | 1.73 | 1.22 | 1.60 | 1.30 |
| 29 | 1.13 | ----- | 2.28 | 0.88 | 1.83 | 1.53 | | 1.27 | 1.72 | 1.33 | 1.29 | 0.77 |
| 30 | 1.40 | ----- | 2.38 | 0.98 | 1.76 | ----- | | 1.36 | 1.50 | 1.36 | 1.32 | 0.70 |
| 31 | 1.21 | ----- | 2.07 | ----- | 1.70 | ----- | F 1.31 | 1.50 | ----- | 1.33 | ----- | 0.93 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.36 | 1.27 | 1.85 | 1.26 | 1.40 | 1.78 | 1.59 | 1.36 | 1.54 | 1.22 | 1.43 | 1.37 |
| MAX | 1.93 | 2.10 | 2.68 | 1.97 | 1.88 | 2.15 | 1.77 | 1.80 | 1.73 | 1.56 | 1.85 | 1.84 |
| MIN | 0.92 | 0.80 | 1.13 | 0.79 | 1.01 | 1.27 | 1.31 | 1.05 | 1.20 | 0.80 | 0.89 | 0.70 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 29 | 3 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 336

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.44

HIGHEST STAGE WAS 2.85 AT 7:00 P.M. ON MAR 23.

LOWEST STAGE WAS 0.50 ON OCT 13.

DAILY STAGE FOR 1987

BAYOU BOEUF (IWW) AT BAYOU BOEUF LOCK (LA.) (EAST)

LOCATION. LAT. 29-40-59. LONG. 91-10-25. ON GUARDRAIL AT LANDSIDE END OF LOCK, 2.5 MILES EAST OF MORGAN CITY, LA. (STA. 7636010.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON DEC. 22, 1976 GAGE WAS RAISED 0.78 FOOT TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU DEC. 22 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS M.L.G.

RECORDS AVAILABLE. SEP. 8, 1954, TO DATE.

EXTREMES. HIGHEST, 4.68 FEET ON APR. 17, 1973. LOWEST, MINUS 0.78 FOOT ON JAN. 4 AND NOV. 22 1956. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.40 | 1.90 | 2.40 | 2.50 | 1.69 | 2.10 | 1.75 | 1.00 | 1.37 | 1.00 | 1.16 | 1.10 |
| 2 | 2.40 | 1.90 | 2.10 | 2.36 | 1.75 | 1.66 | 1.72 | 1.10 | 1.49 | 1.30 | 0.97 | 1.10 |
| 3 | 2.50 | 1.90 | 2.10 | 2.14 | 1.83 | 1.49 | 1.50 | 1.50 | 1.41 | 1.30 | 1.02 | 1.10 |
| 4 | 2.50 | 1.40 | 2.10 | 1.99 | 1.96 | 1.43 | 1.60 | 1.40 | 1.75 | 0.80 | 1.09 | 1.30 |
| 5 | 2.00 | 1.40 | 1.80 | 1.99 | 1.83 | 1.23 | 1.40 | 1.70 | 1.77 | 0.90 | 1.28 | 1.10 |
| 6 | 1.87 | 1.60 | 1.90 | 1.85 | 1.71 | 1.71 | 1.60 | 1.70 | 1.80 | 1.10 | 0.60 | 1.40 |
| 7 | 1.74 | 1.60 | 1.84 | 1.92 | 1.43 | 1.85 | 1.90 | 1.50 | 1.50 | 0.90 | 1.42 | 2.00 |
| 8 | 1.60 | 1.30 | 2.16 | 1.93 | 1.89 | 1.61 | 2.10 | 1.50 | 1.60 | 0.70 | 1.61 | 1.80 |
| 9 | 1.66 | 1.30 | 2.05 | 2.06 | 1.77 | 1.92 | 1.90 | 1.60 | 1.30 | 1.30 | 1.95 | 1.80 |
| 10 | 1.70 | 1.30 | 2.13 | 1.89 | 1.74 | 1.91 | 1.70 | 1.90 | 1.20 | 1.00 | 1.70 | 1.80 |
| 11 | 1.43 | 1.50 | 2.16 | 1.96 | 1.87 | 2.12 | 0.70 | 1.72 | 1.50 | 1.10 | 0.69 | 1.53 |
| 12 | 1.31 | 1.40 | 2.14 | 2.07 | 1.64 | 2.14 | 1.50 | 1.63 | 1.30 | 0.90 | 0.74 | 1.58 |
| 13 | 1.41 | 1.40 | 2.22 | 2.29 | 1.62 | 2.14 | 1.40 | 1.59 | 1.50 | 0.50 | 0.87 | 1.39 |
| 14 | 1.40 | 1.60 | 2.57 | 2.37 | 1.73 | 2.30 | 1.40 | 1.40 | 1.40 | 1.10 | 1.00 | 1.67 |
| 15 | 2.10 | 1.70 | 2.55 | 2.11 | 1.66 | 2.25 | 1.30 | 1.30 | 1.40 | 1.20 | 1.29 | 2.06 |
| 16 | 1.71 | 1.60 | 2.57 | 2.09 | 1.67 | 2.42 | 1.10 | 1.50 | 1.67 | 1.30 | 1.79 | 1.20 |
| 17 | 1.81 | 1.70 | 2.77 | 2.24 | 1.57 | 2.38 | 1.20 | 1.40 | 1.97 | 1.20 | 1.83 | 1.26 |
| 18 | 2.13 | 1.70 | 2.91 | 1.87 | 1.34 | 2.31 | 1.40 | 1.40 | 1.87 | 0.90 | 1.48 | 1.65 |
| 19 | 1.67 | 1.10 | 2.81 | 1.50 | 1.60 | 2.20 | 1.40 | 1.40 | 2.03 | 1.10 | 1.51 | 1.57 |
| 20 | 1.58 | 1.20 | 2.65 | 1.70 | 1.62 | 2.18 | 1.30 | 1.40 | 1.42 | 1.10 | 1.28 | 1.68 |
| 21 | 1.13 | 1.60 | 2.53 | 1.65 | 1.13 | 2.19 | 1.70 | 1.40 | 1.41 | 0.30 | 1.10 | 1.49 |
| 22 | 1.62 | 1.30 | 2.60 | 1.54 | 1.40 | 2.12 | 1.50 | 1.40 | 1.42 | 0.80 | 1.50 | 1.46 |
| 23 | 1.73 | 1.30 | 2.77 | 1.54 | 1.23 | 2.07 | 1.80 | 1.00 | 1.00 | 1.10 | 1.70 | 1.69 |
| 24 | 1.47 | 1.50 | 2.84 | 1.65 | 1.63 | 2.10 | 1.90 | 1.10 | 1.10 | 1.30 | 1.70 | 1.82 |
| 25 | 1.67 | 1.70 | 2.78 | 1.53 | 1.70 | 1.94 | 1.60 | 1.10 | 1.20 | 1.30 | 1.70 | 1.48 |
| 26 | 1.30 | 2.30 | 2.62 | 1.54 | 1.89 | 1.91 | 1.80 | 1.10 | 1.40 | 1.50 | 1.70 | 1.74 |
| 27 | 1.08 | 2.20 | 2.85 | 1.54 | 1.69 | 1.55 | 1.60 | 1.20 | 1.60 | 1.20 | 1.50 | 1.70 |
| 28 | 1.79 | 2.40 | 2.81 | 1.95 | 1.81 | 1.63 | 1.40 | 1.18 | 1.60 | 1.00 | 1.20 | 1.49 |
| 29 | 1.60 | ----- | 2.84 | 1.70 | 1.99 | 1.87 | 1.60 | 0.95 | 1.80 | 1.10 | 1.20 | 1.15 |
| 30 | 1.70 | ----- | 2.83 | 1.64 | 2.11 | 1.60 | 1.20 | 1.33 | 1.20 | 1.10 | 1.30 | 1.26 |
| 31 | 1.90 | ----- | 2.41 | ----- | 1.85 | ----- | 1.10 | 1.34 | ----- | 1.26 | ----- | 1.44 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.74 | 1.60 | 2.45 | 1.90 | 1.69 | 1.94 | 1.52 | 1.38 | 1.50 | 1.05 | 1.33 | 1.51 |
| MAX | 2.50 | 2.40 | 2.91 | 2.50 | 2.11 | 2.42 | 2.10 | 1.90 | 2.03 | 1.50 | 1.95 | 2.06 |
| MIN | 1.08 | 1.10 | 1.80 | 1.50 | 1.13 | 1.25 | 0.70 | 0.95 | 1.00 | 0.30 | 0.60 | 1.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G-GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 1.63.

HIGHEST STAGE WAS 3.30 AT 1:00 A.M. ON MAR 25.

LOWEST STAGE WAS 0.00 ON NOV 11.

DAILY STAGE FOR 1987

BAYOU BOEUF (IWW) AT BAYOU BOEUF LOCK (LA.) (WEST)

LOCATION. LAT. 29-40-59, LONG. 91-10-34. ON GUARDRAIL AT FLOODWAY END OF LOCK, 2.5 MILES
EAST OF MORGAN CITY, LA. (STA. 7640010.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON DEC. 22, 1976 GAGE WAS RAISED 0.78 FOOT TO AGREE WITH NEW GAGE ZERO.
STAGES FROM JAN. 1 THRU DEC. 22 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS M. L. G.

RECORDS AVAILABLE. SEP. 8, 1954, TO DATE.

EXTREMES. HIGHEST, 10.56 FEET ON MAY 27, 1973. LOWEST, MINUS 1.98 FEET ON NOV. 8, 1959. EXTREMES
HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------------|-------------|-------|-------|-----|------|------|--------|-------|--------|------|
| 1 | 0 2.86 | 0 3.10 | 0 3.13 | | | | 1.70 | 1.17 | 1.82 | 0.96 | | 1.21 |
| 2 | 0 2.97 | 0 2.93 | 0 3.14 | | | | 1.68 | 1.10 | 1.49 0 | 1.95 | | 1.16 |
| 3 | 0 3.49 | 0 2.95 | 0 3.08 | | | | 1.96 | 1.26 | 1.42 | 0.90 | | 1.32 |
| 4 | 0 3.33 | 0 2.76 | 0 3.39 | | | | 1.58 | 1.42 | 1.66 | 0.93 | | |
| 5 | 0 3.56 | 0 3.06 | 0 3.00 | | | | 1.64 | 1.48 | 1.92 | 1.20 | | 1.07 |
| 6 | 0 3.43 | 0 3.13 | 0 2.94 | | | | 2.09 | 1.87 | 2.37 | 1.07 | | 1.59 |
| 7 | 0 4.22 | 1.49 0 3.32 | 0 2.55 | | | | 2.81 | 1.57 | 1.66 | 0.52 | | 1.88 |
| 8 | 0 3.64 | 1.36 0 3.85 | 0 2.71 | | | | 2.05 | 1.74 | 1.79 | 0.64 | | 1.94 |
| 9 | 0 4.00 | 0.77 0 3.50 | 0 2.06 | | | | 2.08 | 2.04 | 1.29 | 1.17 | | 1.89 |
| 10 | 0 4.22 | 1.16 0 3.51 | 0 2.60 | | | | | 2.45 | 1.40 | 1.15 | | 1.76 |
| 11 | 0 4.10 | 1.45 0 3.87 | 0 2.68 | | | | | 2.09 | 1.66 | 1.28 | | 1.60 |
| 12 | | 2.28 0 3.75 | 0 2.75 | | | | | 1.55 | 1.46 | 0.68 | | 1.71 |
| 13 | | 1.48 0 3.70 | 0 2.60 | | | | | 1.28 | 1.48 | 0.75 | | 1.56 |
| 14 | | 1.55 0 4.18 0 | 3.39 0 2.61 | | | | 1.72 | 0.99 | 1.48 | 1.21 | | 1.77 |
| 15 | | 2.03 0 4.33 0 | 3.19 0 2.37 | | | | 1.64 | 1.22 | 1.58 | 1.18 | | 2.03 |
| 16 | | 2.07 0 4.38 0 | 3.24 0 1.69 | | | | 1.43 | 0.96 | 2.64 | 1.24 | | 1.06 |
| 17 | | 1.69 0 4.52 0 | 3.27 1.69 | | | | 1.56 | 1.16 | 1.89 | 1.26 | 2.02 | 0.95 |
| 18 | | 1.66 0 4.65 0 | 3.08 0.84 | | | | 1.72 | 1.05 | 1.87 | 0.32 | 1.58 | 1.10 |
| 19 | | 1.59 0 4.75 0 | 2.35 1.50 | | | | 1.64 | 1.42 | 1.94 | 0.97 | 1.40 | 1.18 |
| 20 | | 1.41 0 2.58 | 1.34 | | | | | 0.99 | 1.52 | 1.14 | 1.31 0 | 1.65 |
| 21 | 2.04 0 | 1.41 0 | 0 2.78 | 1.70 | | | 0 | 0.80 | 1.74 | -0.28 | 1.26 | 1.56 |
| 22 | 1.65 0 | 2.25 0 | 0 2.91 | 1.31 | | | 0 | 1.01 | 1.44 | 0.66 | 1.59 | 1.45 |
| 23 | 1.34 0 | 1.74 0 | 0 2.77 | 1.49 | | | 0 | 1.64 | 0.89 | 0.88 | 2.19 | 1.83 |
| 24 | 0 1.88 | 0 2.71 | 1.50 | 2.27 | | | | 1.03 | 1.34 | 1.15 | 2.00 | 2.04 |
| 25 | 0 2.25 | 0 3.06 | 1.69 | 2.48 | | | 1.92 | 1.27 | 1.44 0 | 1.12 | 1.99 | 2.28 |
| 26 | 0 2.65 | 0 2.78 | 1.89 | 1.72 | | | 1.84 | 1.32 | 1.50 | 1.49 | 2.14 | 2.14 |
| 27 | 0 3.30 | 0 2.31 | 2.79 | 1.45 | | | 1.84 | 1.18 | 1.76 | 1.09 | 1.90 | 1.83 |
| 28 | 0 3.50 | 0 3.39 | | 1.71 | | | 1.52 | 1.26 | 1.84 | 1.26 | 1.53 | 1.56 |
| 29 | ----- | 0 3.03 | | 1.94 | | | 1.41 | 0.93 | 1.66 | 0.85 | 1.34 | 1.32 |
| 30 | ----- | 0 3.36 | | 2.34 | | | 1.42 | 1.38 | 1.04 | | 1.50 | 2.11 |
| 31 | ----- | ----- | ----- | ----- | ----- | | 1.27 | 1.56 | ----- | ----- | ----- | 2.78 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| MEAN | 3.20 | 1.86 | 3.70 | 2.95 | 2.26 | 1.99 | 1.75 | 1.36 | 1.63 | 0.99 | 1.70 | 1.64 |
| MAX | 4.22 | 3.50 | 4.75 | 3.39 | 3.39 | 2.48 | 2.81 | 2.45 | 2.64 | 1.95 | 2.19 | 2.78 |
| MIN | 1.34 | 0.77 | 2.76 | 2.31 | 0.84 | 1.45 | 1.27 | 0.80 | 0.89 | -0.28 | 1.26 | 0.95 |
| DAYS | 14 | 22 | 19 | 17 | 27 | 7 | 22 | 31 | 30 | 29 | 14 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 262

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 1.96.

HIGHEST STAGE WAS 5.40 AT 8:00 P. M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.70 ON OCT 21.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY AT WAX LAKE EAST CONTROL STRUCTURE (LA.)

LOCATION. LAT. 29-38-27, LONG. 91-19-22. ON FLOODWAY SIDE (SOUTH) FACE OF STRUCTURE AT WAX LAKE
EAST PROTECTION LEVEE, 4.7 MILES SOUTHEAST OF CALUMET, LA. (STA. 7644010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JULY 19, 1955 TO JULY 17, 1979, AND JUNE 22, 1982 TO DATE.

EXTREMES. HIGHEST, 8.52 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 2.08 FEET ON
JAN. 11, 1936.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|-------|------|-------|------|--------|---------|--------|--------|------|
| 1 | 3.34 | 2.74 | | 3.47 | 3.05 | 2.15 | 2.38 | 1.49 | 2.15 | 1.43 | 1.65 | 1.45 |
| 2 | 3.20 | 2.50 | | 3.44 | 3.23 | 2.13 | 2.22 | 1.39 | 2.13 | 2.35 | 1.35 | 1.39 |
| 3 | 3.35 | 2.24 F | 2.84 | 3.07 | 3.27 | 1.83 | 2.63 | 1.65 | 2.23 | 1.43 | 1.27 | 1.55 |
| 4 | 3.05 | 2.35 | 2.77 | 3.08 | 3.31 | 1.75 | 2.02 | 1.82 | 2.34 | 1.65 | 1.40 | 1.55 |
| 5 | 2.89 | 2.00 | 2.84 | 3.03 | 2.95 | 1.38 | 2.14 | 1.84 | 2.75 | 1.68 | 1.42 | 1.41 |
| 6 | 2.90 | 2.00 | 2.98 | 3.05 | 2.83 | 1.72 | 2.50 | 1.65 | 2.67 | 1.53 F | 1.23 | 2.10 |
| 7 | 2.69 | 1.76 | 3.15 | 2.98 | 2.60 | 2.24 | 2.83 | 1.52 | 2.25 | 0.90 | 1.65 | |
| 8 | 2.52 | 1.68 | 3.42 | 2.95 | 2.56 | 2.67 | 2.88 | 1.48 | 2.13 | 1.00 | 2.10 F | 1.55 |
| 9 | 2.62 | 1.60 | 3.38 | 2.91 | 2.54 | 3.05 | 2.44 | 1.55 | 1.84 | 1.58 | 2.50 | 2.13 |
| 10 | 2.47 | 1.82 | 3.42 | 2.95 | 2.60 | 3.12 | 2.48 | 1.87 | 2.00 F | 2.44 | 1.90 | 2.10 |
| 11 | 2.10 | 1.95 | 3.45 | 3.04 | 2.72 | 3.12 | 2.03 | 1.70 | 2.45 | 1.72 | | 1.88 |
| 12 | 2.06 | 2.02 | 3.52 | 3.25 | 2.74 | 3.34 | 2.10 | 1.53 | 2.10 | | | 2.10 |
| 13 | 2.10 | 2.02 | 3.58 | 3.68 | 2.88 | 3.30 | 2.10 | 1.42 | 2.03 | | | 1.85 |
| 14 | 2.12 | 2.18 | 3.77 | 3.44 | 2.72 | 3.25 | 1.64 | 1.31 | 2.13 F | 1.62 | | 2.17 |
| 15 | 2.47 | 2.45 | 3.90 | 3.24 | 2.56 | 2.85 | 1.52 | 1.17 | 2.30 | 1.92 | | 2.25 |
| 16 | 2.38 | 2.56 | 4.00 | 3.20 | 2.56 | 2.66 | 1.58 | 1.30 | 2.77 | 1.90 | | 1.38 |
| 17 | 2.43 | 2.20 | 4.20 | 3.23 | 2.45 | 2.49 | 1.83 | 1.26 | 2.63 | 1.75 | | 1.35 |
| 18 | 2.85 | 2.03 | 4.48 | 3.01 | 2.00 | 2.58 | 2.03 | 1.18 | 2.50 | 1.40 F | 1.48 | 1.44 |
| 19 | 2.18 | 2.13 | 4.28 | 2.80 | 1.88 | 2.34 | 2.05 | 1.69 | 2.51 | 1.55 | 1.93 | 1.62 |
| 20 | 2.13 | 2.14 | 4.08 | 2.70 | 1.75 | 2.43 | 2.04 | 1.80 | 2.04 | 1.60 | 1.55 | 1.95 |
| 21 | 2.01 | 1.94 | 4.04 | 2.68 | 1.78 | 2.57 | 2.18 | 1.92 | 2.00 F | 0.90 | 1.50 | 1.80 |
| 22 | 2.05 | 2.36 | 3.92 | 2.64 | 1.72 | 2.64 | 2.15 | 1.83 | | 1.18 | 2.05 | 2.30 |
| 23 | 1.60 | | 4.03 | 2.65 | 1.77 | 2.72 | 2.13 | 2.07 | F | 1.60 | 2.45 | 2.25 |
| 24 | 1.77 | | 4.22 | 2.74 | 2.22 | 2.63 | 2.10 | 2.08 | | 1.55 | 2.52 | 2.57 |
| 25 | 2.09 | | 4.00 | 2.74 | 2.42 | 2.67 | 1.95 | 2.27 | | 1.60 | 2.73 | 2.60 |
| 26 | 1.54 | | 4.02 | 2.80 | 2.66 | 2.36 | 1.97 | 2.22 | | 2.05 | 2.95 | 2.27 |
| 27 | 1.60 | | 4.07 | 3.03 | 2.96 | 1.96 | 1.75 | 2.04 | | 1.57 | 2.30 | 2.00 |
| 28 | 1.90 | | 3.95 | 3.10 | 3.09 | 2.38 | 1.62 | 2.15 | | 1.75 | 1.65 | 1.64 |
| 29 | 2.13 | ----- | 4.00 | 3.00 | 2.62 | 2.70 | 1.60 | 1.57 F | 2.12 | 1.75 | 1.65 | 1.63 |
| 30 | 2.33 | ----- | 3.85 | 3.12 | 2.26 | 2.50 | 1.52 | 2.05 | 1.50 | 1.85 | 1.76 | 1.95 |
| 31 | 2.18 | ----- | 3.41 | ----- | 2.50 | ----- | 1.49 | 2.15 | ----- F | 1.67 | ----- | 2.50 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.36 | 2.12 | 3.71 | 3.03 | 2.55 | 2.52 | 2.06 | 1.71 | 2.24 | 1.62 | 1.87 | 1.89 |
| MAX | 3.35 | 2.74 | 4.48 | 3.68 | 3.31 | 3.34 | 2.88 | 2.27 | 2.77 | 2.44 | 2.95 | 2.60 |
| MIN | 1.54 | 1.60 | 2.77 | 2.64 | 1.72 | 1.38 | 1.49 | 1.17 | 1.50 | 0.90 | 1.23 | 1.35 |
| DAYS | 31 | 22 | 29 | 30 | 31 | 30 | 31 | 31 | 23 | 29 | 23 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 340

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.32.

HIGHEST STAGE WAS 4.95 AT 8:00 P.M. ON MAR 17.

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS 0.54 ON OCT 3.

LOCATION. LAT. 29-42-08, LONG. 91-22-04 EAST WALL AT NORTH END OF SIPHON UNDER BAYOU TECHE, 300 FEET EAST OF EAST CALUMET FLOODGATE. (STA. 7646010.)

RECORDS AVAILABLE. INTERMITTENTLY, 1970, 1972, AND 1974 TO DATE.

| STAGE IN FEET | | | | GAGE ZERO IS AT NGVD (1983 ADJ.) | | | | | | | | |
|---------------|-------|-------|-------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 1 | | | | | | | | | -2.41 | | | -2.30 |
| 2 | | | | | | | | | | | | |
| 3 | | -2.21 | | | | -2.34 | | | | | -2.50 | |
| 4 | | | | | | | | -2.15 | | | | |
| 5 | | | | | -2.22 | | | | | | | |
| 6 | | | | | | | | | | -2.75 | | |
| 7 | -2.37 | | | | | | -2.19 | | | | | |
| 8 | | | | -2.40 | | | | | | | | -1.50 |
| 9 | | | | | | | | | -2.50 | | | |
| 10 | | -2.33 | -2.31 | | | | | | | | -2.60 | |
| 11 | | | | | | | | -2.21 | | | | |
| 12 | | | | | -2.61 | | | | | | | |
| 13 | -2.32 | | | | | | | | | | | |
| 14 | | | | | | | -2.22 | | | | | |
| 15 | | | | | | | | | -2.49 | | | -2.35 |
| 16 | | | | | | -1.66 | | | | | | |
| 17 | | -2.21 | -2.20 | | | | | | | | -2.00 | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | -2.83 | | |
| 21 | | | | | | | -2.18 | | | | | |
| 22 | | | | -2.34 | | | | | | | | -2.30 |
| 23 | | | | | | -2.19 | | | | | | |
| 24 | | | -2.21 | | | | | | | | -2.10 | |
| 25 | | | | | | | | -2.42 | | | | |
| 26 | | | | | | | | | | | | |
| 27 | -2.26 | | | | | | | | | | | |
| 28 | | | | -2.21 | | | -1.76 | | | | | |
| 29 | | ----- | | | | | | | -2.43 | | | -2.50 |
| 30 | | ----- | | | | -2.16 | | | | | | |
| 31 | | ----- | | ----- | | | | | ----- | | ----- | |

DAILY STAGE FOR 1987

MAX LAKE EAST DRAINAGE AREA AT CONTROL STRUCTURE (L.A.)

LOCATION. LAT. 29-38-32, LONG. 91-19-22. ON LANDSIDE (NORTH) FACE OF STRUCTURE AT MAX LAKE EAST
PROTECTION LEVEE, 4.7 MILES SOUTHEAST OF CALUMET, LA. (STA. 7648010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JULY 19, 1955 TO DATE.

EXTREMES. HIGHEST, 2.15 FEET ON MAY 3, 1957. LOWEST, MINUS 3.70 ON JUN. 3, 1986.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | -2.03 | -1.64 | 0.10 | -2.07 | -2.01 | -2.25 | -1.78 | -1.88 | -1.90 | -1.98 | -2.23 | -1.84 |
| 2 | -1.83 | -2.00 | -0.05 | -1.77 | -2.02 | -2.21 | -2.53 | -1.83 | -1.82 | -1.99 | -2.24 | -1.93 |
| 3 | -1.95 | -1.67 | | -2.04 | -2.01 | -2.19 | -2.05 | -2.03 | -1.78 | -2.00 | -2.24 | -2.16 |
| 4 | -1.43 | -1.72 | | -2.30 | -1.98 | -2.16 | -2.37 | -1.75 | -1.77 | -2.03 | -2.25 | -2.11 |
| 5 | -1.72 | -2.21 | -0.81 | -2.07 | -1.99 | -2.14 | -2.14 | -2.11 | -1.77 | -2.05 | -2.26 | -2.09 |
| 6 | -1.73 | -1.99 | -1.89 | -2.21 | -1.94 | -2.14 | -2.01 | -1.84 | -1.76 | -2.06 | -2.27 | -2.00 |
| 7 | -1.74 | -2.66 | -2.03 | -2.22 | -2.02 | -2.03 | -1.98 | -1.96 | -2.03 | -2.08 | -2.28 | -1.95 |
| 8 | -1.86 | -2.38 | -2.00 | -2.09 | -2.14 | -2.36 | -1.90 | -2.00 | -2.09 | -2.10 | -2.28 | -2.12 |
| 9 | -1.93 | -2.18 | -1.80 | -2.14 | -2.02 | -2.21 | -2.18 | -1.72 | -2.05 | -2.12 | -2.25 | -2.10 |
| 10 | -1.86 | -2.08 | -1.95 | -2.40 | -1.92 | -2.13 | -2.16 | -2.21 | -2.05 | -2.13 | -2.22 | -2.37 |
| 11 | -1.67 | -1.97 | -1.99 | -2.27 | -1.97 | -2.07 | -2.51 | -1.93 | -2.04 | -2.14 | -2.23 | -2.38 |
| 12 | -1.61 | -1.89 | -1.75 | -2.17 | -2.46 | -2.01 | -2.37 | -2.07 | -2.03 | -2.15 | -2.25 | -2.38 |
| 13 | -1.97 | -2.15 | -2.19 | -2.09 | -2.27 | -2.00 | -2.30 | -1.70 | -2.02 | -2.17 | -2.26 | -2.38 |
| 14 | -1.78 | -2.26 | -1.91 | -2.09 | -2.17 | -1.28 | -2.07 | -1.91 | -2.02 | -2.19 | -2.27 | -2.38 |
| 15 | -2.22 | -2.12 | -2.00 | -2.09 | -2.06 | -1.90 | -2.39 | -1.97 | | -2.20 | -2.28 | -2.37 |
| 16 | -1.62 | -2.14 | -2.36 | -1.94 | -2.01 | -2.07 | -2.26 | -2.06 | -2.04 | -2.22 | -2.29 | -2.37 |
| 17 | -2.22 | -1.92 | -2.20 | -1.85 | -1.96 | -2.30 | -2.16 | -1.87 | -2.01 | -2.22 | -1.68 | -2.37 |
| 18 | -1.45 | -2.03 | -2.09 | -1.84 | -2.02 | -1.25 | -1.80 | -2.00 | -2.02 | -2.24 | -1.75 | -2.37 |
| 19 | -1.94 | -2.03 | -2.26 | -1.83 | -2.24 | -1.20 | -2.20 | -2.15 | -1.89 | -2.26 | -1.69 | -2.38 |
| 20 | -1.64 | -1.91 | -2.18 | -1.92 | -2.18 | -2.04 | -2.24 | -1.90 | -1.68 | | -1.69 | -2.37 |
| 21 | -1.70 | -2.32 | -2.39 | -2.30 | -2.14 | -2.61 | -2.08 | -1.78 | -2.04 | -2.26 | -1.69 | -2.37 |
| 22 | -1.37 | -1.71 | -2.21 | -2.20 | -2.12 | -1.76 | -2.18 | -1.69 | -2.00 | -2.28 | -1.69 | -2.12 |
| 23 | -1.64 | -2.43 | -2.08 | -2.12 | -1.97 | -1.98 | -1.96 | -1.73 | -1.98 | -2.29 | -1.68 | -2.11 |
| 24 | -1.64 | -1.95 | -2.10 | -2.08 | -1.94 | -2.09 | -1.59 | -2.12 | -1.98 | -2.30 | -1.67 | -2.11 |
| 25 | -1.25 | -2.24 | -2.02 | -2.03 | -1.80 | -1.52 | -1.99 | -2.03 | -1.99 | -2.31 | -1.66 | -2.11 |
| 26 | -1.61 | -1.72 | -2.25 | -2.03 | -1.89 | -2.20 | -1.72 | -1.95 | -1.99 | -2.31 | -1.64 | -2.09 |
| 27 | -1.61 | -0.25 | -2.17 | -2.02 | | -2.16 | -1.71 | -1.89 | -2.00 | -2.18 | -1.61 | -1.97 |
| 28 | -1.62 | 0.07 | -1.97 | | -1.95 | -2.24 | -1.43 | -1.84 | -2.01 | -2.20 | -1.94 | -1.90 |
| 29 | -1.63 | ----- | -2.24 | -2.00 | -1.86 | -2.24 | -1.59 | -1.80 | -2.00 | -2.21 | -1.88 | -1.88 |
| 30 | -1.61 | ----- | -2.02 | -2.00 | -2.02 | -2.00 | -1.57 | -1.70 | -1.96 | -2.22 | -1.85 | -2.14 |
| 31 | -1.62 | ----- | -2.64 | ----- | -2.32 | ----- | -1.76 | -1.92 | ----- | -2.23 | ----- | -2.14 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | -1.73 | -1.91 | -1.91 | -2.08 | -2.05 | -2.02 | -2.03 | -1.91 | -1.96 | -2.17 | -2.01 | -2.17 |
| MAX | -1.25 | 0.07 | 0.10 | -1.77 | -1.80 | -1.20 | -1.43 | -1.69 | -1.68 | -1.98 | -1.61 | -1.84 |
| MIN | -2.22 | -2.66 | -2.64 | -2.40 | -2.46 | -2.61 | -2.53 | -2.21 | -2.09 | -2.31 | -2.29 | -2.38 |
| DAYS | 31 | 28 | 29 | 29 | 30 | 30 | 31 | 31 | 29 | 30 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

THE MEAN STAGE FOR THE YEAR WAS MINUS 2.00.

HIGHEST STAGE WAS 0.10 AT 11:00 A.M. ON FEB 28 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 2.66 ON FEB 7 AND LATER DATE(S).

DAILY STAGE FOR 1987

INTRACASTAL WATERWAY AT MAX LAKE WEST CONTROL STRUCTURE (LA.)

LOCATION. LAT. 29-40-17. LONG. 91-26-58. ON FLOODWAY SIDE (SOUTH) FACE OF STRUCTURE AT MAX LAKE WEST PROTECTION LEVEE, FIVE MILES SOUTHWEST OF CALUMET, LA. (STA. 7656010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, JULY 19, 1955 TO NOV. 18, 1975 AND JAN. 20, 1976 TO DATE.

EXTREMES. HIGHEST, 7.35 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 2.38 FEET ON JAN. 13, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|--------|--------|-------|--------|-------|------|------|--------|-------|-------|------|
| 1 | 2.34 | 2.34 | | 2.58 | 2.25 | 1.81 | 2.22 | 1.42 | 1.73 | 1.08 | 1.17 | 0.70 |
| 2 | 2.40 | 2.07 | | 2.63 | 2.50 | | 1.90 | 1.31 | 1.76 | 2.02 | 0.91 | 0.65 |
| 3 | 2.68 | 1.72 F | 2.21 | 2.18 | 2.56 F | 1.75 | 1.92 | 1.45 | 1.91 | 0.90 | 0.82 | 0.91 |
| 4 | 2.22 | 1.83 | 2.10 | 2.17 | 2.57 | 1.32 | 1.90 | 1.72 | 1.93 | 1.30 | 0.93 | 0.94 |
| 5 | 2.12 | 1.45 | 2.10 | 2.13 | 2.20 | 1.00 | 1.76 | 1.95 | 2.35 | 1.39 | 0.93 | 0.71 |
| 6 | 2.30 | 1.47 | 2.30 | 2.14 | 2.10 | 1.30 | 2.37 | 2.12 | 2.25 | 1.20 | 0.35 | 1.38 |
| 7 | 2.00 | 1.10 | 2.38 | 2.12 | 1.81 | 1.86 | 2.50 | 1.83 | 1.82 | 0.50 | 1.21 | 1.98 |
| 8 | 1.82 | 1.00 | 2.47 | 2.14 | 1.87 | 2.30 | 2.27 | 2.05 | 1.57 | 0.70 | 1.60 | 1.49 |
| 9 | 1.98 | 0.90 | 2.60 | 2.07 | | 2.65 | 2.38 | 2.18 | 1.33 | 1.36 | 2.05 | 1.60 |
| 10 | 1.78 | 1.20 | 2.62 | 2.13 | 1.97 | 2.70 | 2.54 | 3.13 | 1.55 | 1.20 | 1.26 | 1.50 |
| 11 | 1.25 | 1.45 | 2.64 | 2.25 | 2.13 | 2.72 | 2.44 | 2.22 | 2.17 | 1.50 | 0.28 | 1.35 |
| 12 | 1.35 | 1.50 | 2.74 | 2.56 | 2.22 | 3.04 | 2.40 | 1.87 | 1.70 | 0.80 | 1.02 | 1.52 |
| 13 | 1.54 | 1.49 | 2.76 | 3.07 | 2.36 | 2.90 | 2.13 | 1.62 | 1.55 | 1.02 | 0.70 | 1.34 |
| 14 | 1.57 | 1.68 | 2.93 | 2.80 | 2.34 | 2.83 | 1.65 | 1.34 | 1.82 | 1.75 | 1.12 | 1.85 |
| 15 | 2.07 | 2.04 | 3.14 | 2.50 | 1.94 | 2.42 | 1.56 | 1.38 | 1.95 | 1.75 | 1.45 | 1.39 |
| 16 | 1.95 | 2.00 | 3.24 | 2.37 | 1.72 | 2.27 | 1.57 | 1.55 | 2.49 | 1.84 | 2.45 | 0.31 |
| 17 | 1.95 | 1.60 | 3.51 | 2.35 | 1.85 | 2.08 | 1.73 | 1.58 | 2.41 | 1.62 | 1.55 | 0.27 |
| 18 | 2.52 | 1.30 | 3.88 | 2.20 | 1.59 | 2.41 | 1.78 | 1.57 | 2.20 | 1.29 | 1.17 | 0.74 |
| 19 | 1.57 | 1.55 | 3.56 | 2.00 | 1.45 | 1.97 | 1.65 | 1.68 | 2.17 | 1.40 | 1.23 | 0.96 |
| 20 | 1.60 | 1.62 | 3.34 | 1.93 | 1.38 | 2.10 | 2.30 | 1.43 | 1.65 | 1.46 | 0.76 | 1.33 |
| 21 | 1.52 | 1.34 | 3.26 F | 2.15 | 1.42 | 2.16 | 2.23 | 1.52 | 1.63 E | -0.05 | 0.70 | 1.15 |
| 22 | 1.57 | 1.83 | 3.12 | | 1.39 | 2.23 | 2.46 | 1.35 | 1.30 | 1.05 | 1.33 | 1.57 |
| 23 | 0.97 | 1.35 | 3.30 | | 1.43 | 2.27 | 2.42 | 1.63 | 0.75 | 1.23 | 1.67 | 1.64 |
| 24 | 1.27 F | 2.10 | 3.56 | | 1.82 | 2.22 | 2.39 | 1.65 | 1.30 | 1.29 | 1.80 | 1.93 |
| 25 | 1.60 | | 3.20 | | 2.08 | 2.25 | 2.31 | 1.89 | 1.35 | 1.20 | 2.12 | 2.07 |
| 26 | 0.92 | | 3.25 | | 2.18 | 1.90 | 2.11 | 1.88 | 1.50 | 1.72 | 2.29 | 1.84 |
| 27 F | 0.90 | | 3.33 | | 2.73 | 1.43 | 1.97 | 1.67 | 1.75 | 1.24 | 1.64 | 1.51 |
| 28 | 1.54 | | 3.19 F | 2.15 | 2.85 | 2.05 | 1.67 | 1.72 | 1.90 | 1.43 | 0.87 | 0.80 |
| 29 | 1.80 | ----- | 3.25 | 2.12 | 2.25 | 2.46 | 1.66 | 1.33 | 1.80 | 1.60 | 0.99 | 0.60 |
| 30 | 1.90 | ----- | 2.92 | 2.32 | 2.05 | 2.25 | 1.71 | 1.70 | 1.12 | 1.53 | 1.05 | 1.08 |
| 31 | 1.70 | ----- | 2.43 | ----- | 2.17 | ----- | 1.54 | 1.56 | ----- | 1.35 | ----- | 1.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| MEAN | 1.77 | 1.58 | 2.95 | 2.29 | 2.04 | 2.16 | 2.05 | 1.72 | 1.76 | 1.28 | 1.25 | 1.26 |
| MAX | 2.68 | 2.34 | 3.88 | 3.07 | 2.85 | 3.04 | 2.54 | 3.13 | 2.49 | 2.02 | 2.45 | 2.07 |
| MIN | 0.90 | 0.90 | 2.10 | 1.93 | 1.38 | 1.00 | 1.54 | 1.31 | 0.75 | -0.05 | 0.28 | 0.27 |
| DAYS | 31 | 24 | 29 | 24 | 30 | 29 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 351

E=ESTIMATED F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.83.

HIGHEST STAGE WAS 4.21 AT 9:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.38 ON NOV 11.

DAILY STAGE FOR 1987

FRESHWATER CANAL ABOVE BEEF RIDGE (LA.)

LOCATION. LAT. 29-33-18. LONG. 92-18-19. ABOUT 200 FEET NORTH OF FRESHWATER BAYOU LOCK. (STA. 7659017)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 13, 1963, TO JAN. 8, 1966, AND FEB. 23, 1967, TO DATE. PRIOR TO JULY 23, 1967, GAGE WAS LOCATED AT BELLE ISLE CANAL.

EXTREMES. HIGHEST, 7.45 FEET ON SEP. 16, 1971 (CAUSED BY HURRICANE). LOWEST (FROM INCOMPLETE RECORD) MINUS 2.9 FEET ON JAN. 8, 1970 AND JAN. 15, 1972.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.45 | 3.38 | 2.22 | 1.00 | 1.04 | 1.90 | 2.10 | 2.00 | 2.70 | 2.10 | 2.85 | 1.80 |
| 2 | 2.40 | 2.37 | 1.85 | 1.70 | 1.60 | 1.80 | 2.20 | 2.14 | 2.30 | 2.95 | 2.70 | 1.95 |
| 3 | 3.85 | 1.75 | 2.20 | 1.20 | 2.27 | 2.10 | 2.65 | 2.31 | 2.25 | 2.50 | 2.50 | 2.25 |
| 4 | 2.10 | 2.10 | 1.85 | 1.20 | 1.93 | 2.10 | 2.50 | 2.53 | 2.10 | 1.50 | 2.55 | 1.95 |
| 5 | 1.45 | 2.20 | 1.70 | 1.55 | 1.50 | 1.80 | 2.75 | 2.48 | 2.15 | 1.90 | 2.45 | 2.35 |
| 6 | 2.45 | 1.90 | 1.80 | 1.10 | 1.30 | 2.30 | 3.18 | 2.45 | 1.75 | 2.42 | 1.65 | 3.30 |
| 7 | 2.10 | 1.70 | 2.20 | 1.30 | 0.85 | 3.10 | 3.05 | 2.27 | 1.56 | 1.45 | 3.35 | 3.90 |
| 8 | 1.80 | 1.35 | 2.20 | 1.35 | 1.55 | 3.50 | 3.35 | 2.30 | 1.60 | 2.20 | 3.60 | 2.80 |
| 9 | 2.55 | 1.75 | 1.65 | 1.25 | 1.70 | 3.85 | 3.10 | 2.38 | 1.70 | 3.10 | 3.60 | 2.81 |
| 10 | 1.95 | 1.85 | 1.90 | 1.75 | 2.10 | 3.60 | 2.93 | 2.90 | 2.09 | 2.73 | 1.88 | 2.61 |
| 11 | 1.35 | 2.30 | 1.60 | 1.10 | 2.00 | 3.50 | 2.65 | 1.82 | 2.57 | 2.72 | 0.20 | 2.50 |
| 12 | 1.68 | 2.20 | 1.70 | 1.70 | 2.50 | 2.70 | 2.50 | 1.80 | 2.34 | 1.61 | 2.14 | 2.31 |
| 13 | 2.16 | 2.00 | 1.65 | 3.50 | 2.25 | 2.60 | 2.10 | 1.84 | 2.76 | 1.70 | 2.16 | 2.70 |
| 14 | 2.40 | 2.30 | 2.50 | 2.10 | 2.30 | 2.45 | 1.85 | 2.00 | 2.58 | 2.95 | 2.58 | 3.10 |
| 15 | 2.85 | 3.40 | 3.00 | 1.30 | 1.30 | 2.35 | 1.88 | 2.20 | 2.66 | 3.25 | 3.03 | 1.90 |
| 16 | 2.80 | 1.80 | 3.20 | 1.00 | 1.10 | 2.20 | 2.10 | 2.55 | 3.22 | 2.72 | 3.85 | 0.60 |
| 17 | 2.90 | 1.20 | 4.00 | 1.00 | 1.20 | 2.10 | 2.40 | 2.45 | 3.20 | 2.62 | 3.00 | 1.45 |
| 18 | 3.30 | 0.90 | 3.00 | 1.00 | 1.45 | 2.80 | 2.68 | 2.20 | 2.89 | 2.00 | 2.90 | 2.60 |
| 19 | 1.68 | 1.40 | 3.20 | 1.10 | 1.50 | 2.35 | 2.90 | 1.90 | 2.60 | 2.45 | 1.45 | 2.65 |
| 20 | 1.98 | 2.00 | 2.40 | 1.20 | 1.70 | 2.75 | 3.25 | 1.97 | 2.35 | 2.62 | 0.55 | 2.55 |
| 21 | 2.04 | 1.75 | 2.30 | 1.30 | 2.00 | 2.65 | 3.15 | 1.88 | 2.70 | 1.58 | 2.30 | 2.60 |
| 22 | 2.00 | 1.65 | 2.30 | 1.10 | 2.35 | 2.80 | 2.95 | 1.93 | 2.80 | 2.67 | 3.30 | 2.95 |
| 23 | 1.37 | 1.43 | 3.05 | 1.25 | 2.62 | 2.90 | 3.00 | 1.75 | 1.65 | 3.05 | 3.60 | 3.12 |
| 24 | 2.18 | 3.10 | 2.50 | 1.50 | 2.80 | 2.70 | 3.00 | 1.85 | 2.35 | 3.43 | 3.45 | 3.25 |
| 25 | 2.42 | 2.60 | 1.70 | 1.00 | 2.95 | 2.20 | 2.60 | 2.48 | 2.40 | 2.77 | 3.60 | 3.25 |
| 26 | 1.60 | 3.55 | 2.00 | 1.50 | 3.02 | 1.98 | 2.35 | 2.30 | 2.69 | 3.30 | 2.76 | 2.65 |
| 27 | 1.80 | 3.50 | 2.00 | 1.40 | 3.25 | 1.70 | 1.90 | 2.21 | 3.40 | 2.75 | 2.76 | 2.36 |
| 28 | 2.30 | 3.70 | 2.15 | 1.20 | 3.10 | 2.70 | 1.98 | 1.94 | 3.60 | 2.45 | 1.76 | 1.30 |
| 29 | 2.70 | ----- | 3.50 | 0.75 | 2.70 | 2.50 | 1.92 | 2.00 | 3.20 | 3.10 | 2.19 | 0.20 |
| 30 | 2.70 | ----- | 1.70 | 1.62 | 2.40 | 2.35 | 1.88 | 2.32 | 2.20 | 3.08 | 2.41 | 2.20 |
| 31 | 2.46 | ----- | 1.10 | ----- | 2.06 | ----- | 1.95 | 2.90 | ----- | 3.05 | ----- | 3.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.25 | 2.18 | 2.26 | 1.44 | 2.01 | 2.54 | 2.54 | 2.20 | 2.48 | 2.54 | 2.57 | 2.42 |
| MAX | 3.85 | 3.70 | 4.00 | 3.50 | 3.25 | 3.85 | 3.35 | 2.90 | 3.60 | 3.43 | 3.85 | 3.90 |
| MIN | 1.35 | 0.90 | 1.10 | 0.75 | 0.85 | 1.70 | 1.85 | 1.75 | 1.56 | 1.45 | 0.20 | 0.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G-GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.29

HIGHEST STAGE WAS 4.55 AT 10.30 P.M. ON MAR 17

LOWEST STAGE WAS MINUS 0.20 ON NOV 11.

DAILY STAGE FOR 1987

FRESHWATER CANAL AT FRESHWATER BAYOU LOCK (LA.) (NORTH)

LOCATION. LAT. 29-33-16, LONG. 92-18-20. ON NORTH SIDE OF LOCK. (STA. 7659217.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. STAGE, JULY 1968 TO DATE.

EXTREMES. HIGHEST, 5.20 FEET (CAUSED BY HURRICANE) ON AUG. 15, 1985. LOWEST, MINUS 2.9 FEET ON JAN. 8, 1970 AND JAN. 15, 1972.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|------|-----|-------|-----|------|-----|-------|-----|------|-----|-------|
| 1 | 0 | 2.60 | 0 | 3.00 | 0 | 2.10 | 0 | 1.00 | 0 | 2.00 | 0 | 2.00 |
| 2 | 0 | 2.50 | 0 | 2.40 | 0 | 1.80 | 0 | 1.70 | 0 | 2.10 | 0 | 2.70 |
| 3 | 0 | 3.90 | 0 | 1.90 | 0 | 1.90 | 0 | 2.45 | 0 | 2.20 | 0 | 2.45 |
| 4 | 0 | 2.20 | 0 | 2.20 | 0 | 2.00 | 0 | 1.20 | 0 | 2.10 | 0 | 2.55 |
| 5 | 0 | 1.45 | 0 | 2.50 | 0 | 1.70 | 0 | 1.55 | 0 | 2.00 | 0 | 1.90 |
| 6 | 0 | 2.70 | 0 | 2.10 | 0 | 1.50 | 0 | 1.90 | 0 | 1.65 | 0 | 2.30 |
| 7 | 0 | 2.90 | 0 | 1.80 | 0 | 2.40 | 0 | 1.50 | 0 | 1.30 | 0 | 2.85 |
| 8 | 0 | 2.00 | 0 | 1.60 | 0 | 2.60 | 0 | 1.50 | 0 | 2.00 | 0 | 2.60 |
| 9 | 0 | 2.70 | 0 | 1.70 | 0 | 1.70 | 0 | 1.45 | 0 | 1.80 | 0 | 3.20 |
| 10 | 0 | 2.00 | 0 | 2.10 | 0 | 2.00 | 0 | 1.70 | 0 | 2.20 | 0 | 2.30 |
| 11 | 0 | 1.45 | 0 | 2.50 | 0 | 2.60 | 0 | 1.90 | 0 | 2.00 | 0 | 2.55 |
| 12 | 0 | 1.70 | 0 | 2.35 | 0 | 1.90 | 0 | 2.50 | 0 | 1.80 | 0 | 2.30 |
| 13 | 0 | 2.30 | 0 | 2.10 | 0 | 1.90 | 0 | 3.00 | 0 | 1.50 | 0 | 2.20 |
| 14 | 0 | 2.35 | 0 | 2.60 | 0 | 2.50 | 0 | 3.80 | 0 | 2.00 | 0 | 2.30 |
| 15 | 0 | 3.05 | 0 | 3.40 | 0 | 2.90 | 0 | 1.60 | 0 | 1.30 | 0 | 2.35 |
| 16 | 0 | 3.10 | 0 | 1.80 | 0 | 2.95 | 0 | 0.90 | 0 | 1.10 | 0 | 2.15 |
| 17 | 0 | 3.00 | 0 | 1.20 | 0 | 3.80 | 0 | 0.90 | 0 | 1.40 | 0 | 2.10 |
| 18 | 0 | 3.25 | 0 | 0.80 | 0 | 3.40 | 0 | 1.10 | 0 | 1.50 | 0 | 2.90 |
| 19 | 0 | 1.75 | 0 | 1.20 | 0 | 2.60 | 0 | 1.20 | 0 | 1.60 | 0 | 2.10 |
| 20 | 0 | 1.90 | 0 | 1.90 | 0 | 2.20 | 0 | 1.20 | 0 | 2.00 | 0 | 2.60 |
| 21 | 0 | 2.00 | 0 | 2.00 | 0 | 2.20 | 0 | 1.40 | 0 | 2.40 | 0 | 3.00 |
| 22 | 0 | 2.10 | 0 | 2.10 | 0 | 2.30 | 0 | 1.00 | 0 | 2.60 | 0 | 2.70 |
| 23 | 0 | 1.35 | 0 | 1.70 | 0 | 2.90 | 0 | 1.30 | 0 | 2.30 | 0 | 2.60 |
| 24 | 0 | 2.40 | 0 | 3.35 | 0 | 2.00 | 0 | 1.50 | 0 | 2.30 | 0 | 2.10 |
| 25 | 0 | 2.50 | 0 | 2.70 | 0 | 1.40 | 0 | 0.60 | 0 | 2.50 | 0 | 2.20 |
| 26 | 0 | 1.60 | 0 | 3.60 | 0 | 1.80 | 0 | 1.10 | 0 | 2.50 | 0 | 1.70 |
| 27 | 0 | 1.90 | 0 | 3.50 | 0 | 2.10 | 0 | 1.10 | 0 | 2.45 | 0 | 1.70 |
| 28 | 0 | 2.50 | 0 | 3.80 | 0 | 2.30 | 0 | 1.00 | 0 | 2.70 | 0 | 1.90 |
| 29 | 0 | 1.90 | 0 | ----- | 0 | 3.40 | 0 | 0.50 | 0 | 2.20 | 0 | 2.40 |
| 30 | 0 | 2.80 | 0 | ----- | 0 | 1.70 | 0 | 1.00 | 0 | 2.40 | 0 | 2.20 |
| 31 | 0 | 2.30 | 0 | ----- | 0 | 1.10 | 0 | ----- | 0 | 2.00 | 0 | ----- |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| MEAN | 2.31 | 2.28 | 2.25 | 1.44 | 1.95 | 2.36 | 2.33 | 1.96 | 2.32 | 2.35 | 2.59 | 2.52 |
| MAX | 3.90 | 3.80 | 3.80 | 3.80 | 2.70 | 3.20 | 3.00 | 2.85 | 3.60 | 3.40 | 3.85 | 3.90 |
| MIN | 1.35 | 0.80 | 1.10 | 0.50 | 1.00 | 1.70 | 1.10 | 1.30 | 1.50 | 0.90 | -0.10 | 0.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.22.

HIGHEST STAGE WAS 3.90 ON JAN 3, AND DEC 7.

LOWEST STAGE WAS MINUS 0.10 ON NOV 11.

DAILY STAGE FOR 1987

FRESHWATER CANAL AT FRESHWATER BAYOU LOCK (LA.) (SOUTH)

LOCATION. LAT. 29-33-09, LONG. 92-18-21. ON SOUTH SIDE OF LOCK. (STA. 7659317.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, JULY 1968 TO DATE. AUTOMATIC RECORDER INSTALLED ON APR. 30, 1973.

EXTREMES. HIGHEST, 5.80 FEET ON JUL. 24, 1979. LOWEST, MINUS 5.0 FEET ON JAN. 20, 1985.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G. (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | 0.39 | 2.00 | 0.60 | 2.60 | 2.50 | 3.25 | 3.00 | 2.25 | 2.55 | 2.50 | 2.50 | 0.50 |
| 2 | 0.85 | 1.90 | 1.05 | 2.30 | 3.10 | 3.10 | 2.55 | 2.12 | 2.65 | 2.70 | 1.80 | 0.20 |
| 3 | 2.60 | 2.20 | 1.90 | 1.50 | 3.20 | 2.80 | 2.95 | 2.30 | 3.00 | 1.30 | 1.40 | 0.60 |
| 4 | 0.70 | 3.30 | 2.20 | 2.20 | 2.52 | 2.50 | 2.80 | 2.25 | 2.90 | 2.00 | 1.70 | -0.15 |
| 5 | 1.90 | 2.70 | 2.90 | 1.20 | 2.20 | 2.70 | 2.75 | 2.55 | 3.10 | 1.90 | 1.00 | 0.00 |
| 6 | 2.30 | 2.20 | 2.70 | -0.10 | 2.00 | 2.30 | 3.20 | 2.51 | 2.90 | 1.50 | 0.95 | 0.70 |
| 7 | 2.30 | 0.20 | 3.20 | 0.50 | 1.60 | 3.50 | 3.00 | 2.65 | 2.25 | 0.60 | 1.20 | 1.40 |
| 8 | 1.70 | 0.60 | 2.60 | 0.40 | 1.80 | 3.30 | 3.50 | 2.84 | 1.60 | 0.90 | 1.30 | 1.20 |
| 9 | 2.20 | 0.40 | 2.00 | 0.20 | 2.20 | 3.40 | 3.00 | 3.05 | 1.52 | 1.20 | 1.60 | 1.70 |
| 10 | 1.00 | 0.60 | 1.70 | 0.90 | 1.60 | 3.65 | 3.45 | 2.92 | 1.60 | 1.10 | -0.30 | 1.90 |
| 11 | -0.20 | 0.35 | 1.55 | 1.20 | 2.00 | 4.00 | 3.50 | 2.40 | 1.80 | 1.50 | 0.60 | 1.80 |
| 12 | -0.30 | 0.30 | 2.00 | 2.20 | 2.65 | 3.60 | 3.35 | 1.82 | 1.71 | 0.65 | 1.45 | 1.80 |
| 13 | 0.00 | 0.30 | 1.90 | 3.70 | 3.35 | 3.60 | 3.10 | 1.89 | 2.48 | 1.70 | 1.58 | 2.50 |
| 14 | 0.50 | 0.60 | 2.00 | 2.30 | 3.15 | 3.28 | 2.65 | 1.90 | 2.42 | 2.30 | 2.17 | 2.40 |
| 15 | 2.00 | 2.30 | 1.60 | 2.00 | 3.00 | 2.90 | 2.58 | 1.85 | 2.50 | 2.60 | 2.51 | -0.30 |
| 16 | 1.50 | 1.10 | 2.00 | 1.90 | 2.85 | 2.90 | 2.60 | 1.99 | 2.90 | 2.60 | 3.40 | 0.40 |
| 17 | 1.50 | 1.65 | 3.80 | 3.00 | 3.05 | 2.10 | 2.63 | 2.30 | 2.63 | 2.20 | 1.60 | 0.30 |
| 18 | 2.35 | 1.40 | 2.90 | 2.60 | 2.65 | 2.60 | 2.65 | 2.25 | 2.80 | 2.80 | 1.70 | 0.00 |
| 19 | -0.20 | 1.95 | 3.15 | 2.50 | 2.85 | 2.35 | 2.68 | 2.11 | 2.55 | 2.10 | 1.05 | 0.10 |
| 20 | 1.50 | 2.65 | 3.75 | 2.35 | 2.65 | 2.40 | 3.40 | 2.31 | 2.35 | 1.80 | 0.20 | -0.10 |
| 21 | 2.70 | 2.70 | 3.20 | 2.05 | 2.30 | 2.65 | 3.00 | 2.40 | 2.50 | 0.70 | 0.05 | -0.10 |
| 22 | 1.80 | 1.70 | 3.60 | 1.05 | 2.10 | 2.70 | 3.00 | 2.20 | 2.01 | 1.80 | 0.25 | 1.10 |
| 23 | 1.30 | 1.50 | 3.50 | 1.20 | 2.15 | 2.90 | 3.30 | 2.25 | 1.90 | 1.80 | 0.30 | 0.90 |
| 24 | 2.00 | 1.90 | 3.20 | 1.20 | 2.35 | 2.70 | 3.38 | 2.70 | 1.80 | 1.90 | 1.40 | 2.20 |
| 25 | 1.00 | 0.70 | 1.60 | 1.40 | 2.60 | 2.40 | 3.25 | 2.50 | 1.65 | 1.20 | 2.30 | 2.70 |
| 26 | 0.47 | 1.15 | 2.00 | 1.08 | 3.20 | 2.60 | 2.75 | 2.29 | 1.95 | 1.90 | 3.00 | 2.60 |
| 27 | 0.10 | 1.55 | 1.50 | 1.38 | 3.60 | 2.80 | 2.60 | 2.15 | 2.16 | -0.15 | 2.60 | 1.60 |
| 28 | -0.60 | 0.75 | 1.75 | 1.50 | 3.65 | 3.30 | 2.40 | 2.00 | 2.00 | 1.50 | 1.60 | 0.80 |
| 29 | -0.40 | ----- | 2.00 | 1.80 | 3.60 | 3.50 | 2.35 | 2.10 | 2.45 | 2.05 | 1.70 | -0.60 |
| 30 | -0.30 | ----- | 1.30 | 2.40 | 3.70 | 3.30 | 2.53 | 2.00 | 1.70 | 2.20 | 0.90 | 0.40 |
| 31 | 0.30 | ----- | 2.00 | ----- | 3.10 | ----- | 2.25 | 2.65 | ----- | 2.50 | ----- | 0.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 1.06 | 1.45 | 2.30 | 1.68 | 2.69 | 2.97 | 2.91 | 2.31 | 2.28 | 1.73 | 1.45 | 0.95 |
|------|-------|------|------|-------|------|------|------|------|------|-------|-------|-------|
| MAX | 2.70 | 3.30 | 3.80 | 3.70 | 3.70 | 4.00 | 3.50 | 3.05 | 3.10 | 2.80 | 3.40 | 2.70 |
| MIN | -0.60 | 0.20 | 0.60 | -0.10 | 1.60 | 2.10 | 2.25 | 1.82 | 1.52 | -0.15 | -0.30 | -0.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G-GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 1.98

HIGHEST STAGE WAS 5.30 AT 1:30 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 1.40 ON JAN 4.

DAILY STAGE FOR 1987

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SCHOONER BAYOU (INLAND WATERWAY) AT CONTROL STRUCTURE (LA) (EAST AUTO)

LOCATION LAT. 29-45-28, LONG. 92-15-48, ON NORTHEAST FENDER OF STRUCTURE, 6 6 MILES SOUTHWEST FROM JUNCTION WITH IWM (STA 7660017)

GAGE AUTOMATIC RECORDER AND STAFF

RECORDS AVAILABLE JULY 1, 1917, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, 6.63 FEET (CAUSED BY HURRICANE) ON SEP. 11, 1961 (PROBABLY HIGHER DURING HURRICANE OF JUNE 1957) LOWEST, MINUS 2.90 FEET ON MAR. 5, 1962

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|-------|------|--------|------|------|-------|--------|--------|------|
| 1 | 2.48 | 3.35 | 2.40 | 1.60 | 1.45 | 1.90 | 2.30 | 2.14 | 2.91 | 2.05 | 2.35 | 1.10 |
| 2 | 2.50 | 2.36 | 2.28 | 1.80 | 2.00 | 1.90 | 2.25 | 2.11 | 2.86 | 2.95 | 2.00 | 1.25 |
| 3 | 4.30 | 1.92 | 2.50 | 0.50 | 2.40 | 1.85 | 2.84 | 2.35 | 2.66 | 2.12 | 2.05 | 1.65 |
| 4 | 2.18 | 2.02 | 1.95 | 1.00 | 1.65 | 1.90 | 2.50 | 2.62 | 2.85 | 1.60 | 1.98 | 1.35 |
| 5 | 2.00 | 2.13 | 2.00 | 1.00 | 1.40 | 1.65 | 2.73 | 2.60 | 3.15 | 2.25 | 2.00 | 2.10 |
| 6 | 2.40 | 1.98 | 2.08 | 0.95 | 1.20 | 2.10 F | 3.80 | 2.50 | 2.90 | 2.20 | 1.25 | 2.82 |
| 7 | 2.15 | 1.58 | 2.10 | 1.00 | 0.90 | 3.00 | | 2.75 | 2.24 | 1.20 | 3.05 | 3.50 |
| 8 | 2.00 | 1.54 | 2.30 | 1.10 | 1.45 | 3.58 | | 3.00 | 2.20 | 2.10 | 3.35 | 2.55 |
| 9 | 2.40 | 1.35 | 1.88 | 1.10 | 1.65 | 4.00 | | 2.63 | 2.03 | 3.05 | 3.58 | 2.37 |
| 10 | 2.02 | 1.60 | 1.97 | 1.60 | 2.20 | 3.70 | | 3.45 | 2.40 | 2.60 | 1.30 | 1.40 |
| 11 | 1.55 | 1.85 | 1.12 | 2.15 | 2.55 | 3.70 | | 2.30 | 2.99 | 2.60 | 0.02 | 2.08 |
| 12 | 1.68 | 1.50 | 1.35 | 2.97 | 2.60 | 3.20 | | 2.00 | 2.50 | 0.95 | 2.15 | 2.10 |
| 13 | 1.90 | 1.35 | 1.37 | 3.90 | 2.50 | 2.78 | 2.52 | 2.05 | 2.70 | 1.50 | 1.88 | 2.55 |
| 14 | 2.10 | 2.05 | 2.25 | 1.97 | 2.25 | 2.50 | 2.04 | 2.05 | 2.52 | 2.80 | 2.43 F | 2.30 |
| 15 | 2.38 | 3.80 | 2.96 | 0.90 | 1.60 | 2.20 | 1.98 | 2.20 | 2.85 | 3.20 | 2.95 | 1.10 |
| 16 | 2.42 | 1.50 | 3.25 | 0.90 | 0.75 | 2.15 | 2.10 | 2.52 | 3.40 | 2.90 | 4.30 | 0.00 |
| 17 | 2.48 | 1.35 | 4.50 | 1.35 | 1.10 | 2.18 | 2.38 | 2.45 | 3.24 | 2.60 | 2.15 | 0.95 |
| 18 | 3.38 | 0.35 | 3.45 | 0.75 | 1.52 | 2.85 | 2.90 | 2.48 | 2.89 | 2.26 | 2.25 | 1.78 |
| 19 | 2.00 | 1.53 | 3.28 | 0.62 | 1.45 | 2.55 | 2.90 | 2.21 | 2.77 | 2.36 | 1.93 | 1.75 |
| 20 | 2.10 | 2.10 | 2.60 | 0.75 | 1.50 | 2.80 | 3.38 | 1.93 | 2.30 | 2.55 | 1.40 | 1.40 |
| 21 | 2.20 | 1.13 | 2.40 | 1.00 | 1.90 | 3.02 | 2.95 | 1.31 | 2.85 | 1.02 | 1.90 | 1.75 |
| 22 | 2.22 | 1.20 | 2.22 | 0.53 | 2.05 | 3.04 | 3.00 | 2.02 | 2.50 | 2.68 F | 3.08 | 2.35 |
| 23 | 1.80 | 1.00 | 2.83 | 0.85 | 2.50 | 3.18 | 3.15 | 2.11 | 1.60 | 3.00 | 2.92 | 2.60 |
| 24 | 2.17 | 2.30 F | 2.55 | 0.93 | 2.84 | 2.85 | 3.10 | 2.36 | 2.52 | 3.05 | 3.15 | 3.10 |
| 25 | 2.45 | 2.00 | 2.15 | 1.15 | 3.30 | 2.40 | 2.65 | 2.55 | 2.50 | 2.45 | 3.82 | 3.23 |
| 26 | 1.85 | 3.12 | 2.60 | 1.45 | 3.42 | 2.10 | 2.46 | 2.65 | 2.73 | 2.78 | 2.25 | 2.40 |
| 27 | 2.10 | 2.98 | 2.73 | 1.70 | 3.60 | 1.68 | 2.23 | 2.44 | 3.20 | 1.82 | 2.50 | 2.19 |
| 28 | 2.35 | 3.50 | 2.90 | 1.40 | 3.70 | 2.30 | 2.00 | 2.35 | 3.50 | 2.04 | 1.70 | 1.60 |
| 29 | 2.60 | ----- | 3.20 | 1.00 | 3.50 | 2.88 | 2.12 | 2.08 | 2.90 | 2.70 | 1.58 | 1.05 |
| 30 | 2.60 | ----- | 1.80 | 1.47 | 3.00 | 2.55 | 2.05 | 2.53 | 1.60 | 2.70 | 1.50 | 1.67 |
| 31 | 2.40 | ----- | 1.45 | ----- | 2.25 | ----- | 2.18 | 3.01 | ----- | 2.85 | ----- | 2.22 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.30 | 1.94 | 2.40 | 1.31 | 2.13 | 2.62 | 2.58 | 2.38 | 2.68 | 2.35 | 2.29 | 1.94 |
| MAX | 4.30 | 3.80 | 4.50 | 3.90 | 3.70 | 4.00 | 3.80 | 3.45 | 3.50 | 3.20 | 4.30 | 3.50 |
| MIN | 1.55 | 0.35 | 1.12 | 0.50 | 0.75 | 1.65 | 1.98 | 1.31 | 1.60 | 0.95 | 0.02 | 0.00 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 25 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.24

HIGHEST STAGE WAS 5.20 AT 4.30 P.M. ON MAR. 17

LOWEST STAGE WAS MINUS 0.60 ON DEC. 29

DAILY STAGE FOR 1987

SCHOONER BAYOU (INLAND WATERWAY) AT CONTROL STRUCTURE (L.A.) (EAST STAFF)

LOCATION. LAT. 29-45-28, LONG. 92-15-48. ON SOUTHEAST FENDER OF STRUCTURE, 6.6 MILES SOUTHWEST FROM JUNCTION WITH INW. (STA. 7664017.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. JULY 1, 1917, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, 6.10 FEET ON SEP. 5, 1973. LOWEST, MINUS 1.95 ON DEC. 24, 1966. EXTREMES HAVE BEEN ADJUSTED TO PRESENT DATUM.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------|--------|--------|--------|--------|--------|--------|---------|--------|---------|------|
| 1 | 2.50 G | 3.35 | 2.40 G | 1.25 G | 1.20 | 1.90 | 2.10 | 1.95 G | 2.90 G | 1.85 G | 2.50 G | 1.40 |
| 2 | 2.50 | 2.40 | 2.15 G | 1.20 G | 1.60 | 1.80 | 2.20 | 2.05 G | 2.90 G | 2.85 G | 2.30 G | 1.45 |
| 3 | 2.05 | 1.90 | 2.30 G | 0.20 G | 2.30 | 1.80 | 2.60 | 2.25 G | 2.60 G | 2.20 G | 2.20 G | 1.90 |
| 4 | 2.20 | 2.05 | 1.95 G | 0.85 G | 1.70 G | 1.85 | 2.40 G | 2.45 G | 2.50 G | 1.10 G | 2.30 G | 1.70 |
| 5 | 1.80 | 2.10 | 2.05 G | 0.80 G | 1.50 | 1.60 | 2.70 G | 2.30 G | 2.75 G | 2.30 G | 2.10 G | 2.10 |
| 6 | 2.50 | 1.95 | 2.05 G | 1.00 G | 1.10 G | 2.20 G | 3.40 G | 2.40 G | 2.80 G | 2.20 G | 1.80 G | 3.25 |
| 7 | 2.25 | 1.65 | 2.15 G | 0.90 G | 0.50 G | 2.95 G | 3.15 | 2.25 G | 2.10 G | 1.20 G | 3.05 G | 3.75 |
| 8 | 2.05 | 1.60 | 2.40 G | 1.00 G | 1.65 G | 3.60 G | 3.40 G | 2.30 G | 2.00 G | 2.20 G | 3.50 G | 2.65 |
| 9 | 2.45 | 1.55 | 1.90 G | 0.90 G | 1.75 G | 3.80 | 2.90 G | 2.35 G | 1.75 G | 3.20 G | 3.50 G | 2.60 |
| 10 | 2.00 | 1.80 | 1.95 G | 1.40 G | 2.30 G | 3.50 | 2.70 G | 3.40 G | 2.20 G | 2.70 G | 1.50 G | 2.40 |
| 11 | 1.60 | 2.00 G | 1.20 G | 1.90 G | 2.40 G | 3.35 | 2.65 G | 2.00 G | 2.70 G | 2.60 G | -0.40 G | 2.20 |
| 12 | 1.75 G | 1.90 G | 1.50 G | 3.00 G | 2.25 G | 2.90 | 2.30 | 1.95 G | 2.45 G | 1.20 G | 2.00 G | 2.20 |
| 13 | 2.10 G | 1.70 G | 1.35 G | 3.70 | 2.00 | 2.25 | 2.30 | 1.90 G | 2.80 G | 1.30 G | 2.05 G | 2.50 |
| 14 | 2.20 G | 2.25 G | 2.45 G | 2.00 | 2.00 | 2.25 | 2.00 | 2.00 G | 2.60 G | 2.90 G | 2.50 G | 3.00 |
| 15 | 2.50 G | 3.55 G | 2.90 G | 0.80 | 1.40 | 2.20 | 1.90 | 2.10 G | 2.80 G | 3.30 G | 3.00 G | 1.35 |
| 16 | 2.70 G | 1.60 G | 3.20 G | 0.70 G | 0.80 | 2.10 | 2.05 | 2.40 G | 3.20 G | 2.90 G | 4.00 G | 0.20 |
| 17 | 2.70 G | 1.00 G | 4.40 G | 0.60 G | 1.00 | 2.20 | 2.30 | 2.50 G | 3.20 G | 2.70 G | 2.50 G | 1.50 |
| 18 | 3.40 G | 0.40 G | 3.20 G | 0.60 G | 1.25 | 2.70 G | 2.90 G | 2.40 G | 2.90 G | 2.80 G | 2.55 G | 2.00 |
| 19 | 1.95 G | 1.00 G | 3.20 G | 0.60 | 1.45 | 2.45 G | 2.90 G | 2.20 G | 2.50 G | 2.50 G | 2.15 G | 2.20 |
| 20 | 2.05 G | 1.80 | 2.35 G | 0.75 G | 1.60 | 2.80 G | 3.80 G | 1.90 G | 2.05 G | 2.65 G | 1.50 G | 2.30 |
| 21 | 2.05 G | 1.25 | 2.35 G | 0.80 G | 1.90 | 3.00 G | 3.10 G | 1.80 G | 2.60 G | 1.10 G | 2.20 G | 2.05 |
| 22 | 2.20 G | 1.35 | 2.20 G | 0.70 G | 2.20 | 2.95 G | 2.80 G | 1.90 G | 2.60 G | 2.60 G | 3.00 G | 2.65 |
| 23 | 1.80 G | 1.15 G | 2.90 G | 1.00 G | 2.55 | 2.85 G | 2.90 G | 1.95 G | 1.40 G | 2.90 G | 3.35 G | 2.90 |
| 24 | 2.30 G | 2.60 | 2.55 G | 1.15 G | 2.80 | 2.45 G | 2.90 G | 2.05 G | 2.50 G | 3.25 G | 3.35 G | 3.10 |
| 25 | 2.60 G | 2.35 | 2.30 G | 0.90 G | 2.85 | 2.20 | 2.40 G | 2.50 G | 2.40 G | 2.55 G | 3.80 G | 3.20 |
| 26 | 1.90 G | 3.50 | 2.70 G | 1.40 G | 3.00 | 1.95 | 2.10 G | 2.45 G | 2.75 G | 2.95 G | 2.30 G | 2.45 |
| 27 | 2.00 G | 3.30 | 2.95 G | 1.60 G | 3.25 | 1.70 | 1.95 G | 2.20 G | 3.40 G | 2.15 G | 2.40 | 2.20 |
| 28 | 2.40 G | 3.60 G | 2.85 G | 1.25 G | 3.30 | 2.10 | 1.95 G | 2.10 G | 3.60 G | 2.00 | 1.70 | 2.90 |
| 29 | 2.70 | ----- G | 3.45 G | 0.80 G | 3.00 | 2.40 | 1.80 G | 1.80 G | 3.25 G | 3.00 G | 1.60 G | 2.50 |
| 30 | 2.65 | ----- | 1.80 G | 1.20 G | 2.40 | 2.25 | 1.80 G | 2.45 G | 1.80 G | 2.80 G | 1.70 G | 1.70 |
| 31 | 2.45 | ----- | 1.45 | ----- | 2.00 | ----- | 1.95 G | 3.00 | ----- G | 2.85 | ----- G | 2.55 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| MEAN | 2.27 | 2.02 | 2.40 | 1.16 | 1.97 | 2.47 | 2.53 | 2.23 | 2.60 | 2.41 | 2.40 | 2.29 |
| MAX | 3.40 | 3.60 | 4.40 | 3.70 | 3.30 | 3.80 | 3.80 | 3.40 | 3.60 | 3.30 | 4.00 | 3.75 |
| MIN | 1.60 | 0.40 | 1.20 | 0.20 | 0.50 | 1.60 | 1.80 | 1.80 | 1.40 | 1.10 | -0.40 | 0.20 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.23.

HIGHEST STAGE WAS 4.40 ON MAR 17.

LOWEST STAGE WAS MINUS 0.40 ON NOV 11.

DAILY STAGE FOR 1987

SCHOONER BAYOU (INLAND WATERWAY) AT CONTROL STRUCTURE (LA.) (WEST)

LOCATION. LAT. 29-45-28, LONG. 92-15-50. ON SOUTHWEST FENDER OF STRUCTURE, 6.6 MILES SOUTHWEST FROM JUNCTION WITH INW. (STA. 7668017.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JULY 1, 1917, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, WATER OVER GATES (ELEVATION, SIX FEET, M.L.G.) DURING HURRICANE OF JUNE 27, 1957. LOWEST, MINUS 1.70 FEET (PRESENT DATUM) ON DEC. 21, 1924.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|----------|---------|--------|---------|--------|--------|--------|--------|---------|--------|---------|------|
| 1 | 2.52 0 | 2.85 | 2.55 0 | 2.70 0 | 1.70 0 | 1.90 | 2.30 | 2.01 0 | 2.04 0 | 1.93 0 | 1.65 0 | 2.30 |
| 2 | 2.45 | 2.45 | 2.35 0 | 2.70 0 | 1.64 0 | 1.88 | 2.32 | 1.97 0 | 2.20 0 | 1.88 0 | 1.70 0 | 2.30 |
| 3 | 2.80 | 2.00 | 2.60 0 | 2.80 0 | 1.45 0 | 1.85 | 2.70 0 | 2.30 0 | 2.08 0 | 1.75 0 | 1.69 0 | 2.25 |
| 4 | 2.22 | 2.10 | 2.10 0 | 2.50 0 | 1.75 0 | 1.95 | 2.50 0 | 2.35 0 | 2.09 0 | 1.70 0 | 1.83 0 | 2.30 |
| 5 | 2.05 | 2.10 | 2.20 0 | 2.40 0 | 1.70 0 | 1.68 | 2.70 0 | 2.40 0 | 2.06 0 | 1.75 0 | 1.78 0 | 2.02 |
| 6 | 2.42 | 1.95 | 2.20 | 2.55 0 | 1.52 0 | 2.00 0 | 2.70 0 | 2.43 0 | 2.11 0 | 1.88 0 | 1.52 0 | 2.04 |
| 7 | 2.25 | 1.65 | 2.20 | 2.60 0 | 1.65 0 | 1.95 0 | 2.82 | 2.16 0 | 2.18 0 | 1.78 0 | 1.60 0 | 2.33 |
| 8 | 2.05 | 1.60 | 2.45 | 2.50 0 | 1.80 0 | 1.90 0 | 2.95 0 | 2.45 0 | 2.17 0 | 1.70 0 | 1.55 0 | 2.48 |
| 9 | 2.45 | 1.55 | 2.00 | 2.40 0 | 1.88 0 | 1.95 | 3.05 0 | 2.20 0 | 2.12 0 | 1.70 0 | 1.50 0 | 2.55 |
| 10 | 2.10 | 1.80 | 2.05 | 2.15 0 | 1.90 0 | 2.00 | 2.95 0 | 2.28 0 | 2.05 0 | 1.50 0 | 2.00 0 | 2.50 |
| 11 | 1.70 | 2.00 0 | 2.45 0 | 2.15 0 | 2.00 0 | 2.30 | 2.75 0 | 2.50 0 | 1.95 0 | 1.70 0 | 1.85 0 | 2.58 |
| 12 | 1.73 0 | 2.18 0 | 2.65 0 | 2.00 0 | 2.05 0 | 2.60 | 2.60 | 2.02 0 | 2.12 0 | 1.60 0 | 1.65 0 | 2.52 |
| 13 | 2.05 0 | 2.25 0 | 2.60 0 | 1.90 0 | 2.12 | 2.80 | 2.55 | 2.00 0 | 2.01 0 | 1.65 0 | 1.72 0 | 2.42 |
| 14 | 2.20 0 | 2.18 0 | 2.30 0 | 2.35 0 | 2.12 | 2.68 | 2.10 | 2.06 0 | 2.04 0 | 1.57 0 | 1.66 0 | 2.30 |
| 15 | 0 2.40 0 | 1.85 0 | 2.40 0 | 2.40 0 | 1.60 | 2.30 | 2.10 | 2.15 0 | 1.99 0 | 1.52 0 | 1.66 0 | 2.75 |
| 16 | 0 2.35 0 | 2.50 0 | 2.40 0 | 2.15 0 | 1.90 | 2.20 | 2.15 | 2.43 0 | 2.01 0 | 1.48 0 | 1.40 0 | 2.65 |
| 17 | 0 2.50 0 | 2.45 0 | 1.50 0 | 2.15 0 | 1.90 | 2.25 | 2.40 | 2.40 0 | 2.04 0 | 1.58 0 | 2.20 0 | 2.00 |
| 18 | 0 2.90 0 | 2.55 0 | 2.70 0 | 2.15 0 | 1.60 | 2.84 0 | 2.70 0 | 2.37 0 | 2.01 0 | 1.56 0 | 1.95 0 | 2.30 |
| 19 | 2.10 0 | 2.35 0 | 2.80 0 | 2.00 0 | 1.45 | 2.60 0 | 2.70 0 | 2.31 0 | 2.11 0 | 1.55 | 2.00 0 | 2.18 |
| 20 | 2.15 0 | 1.95 | 2.40 | 1.98 0 | 1.80 | 2.75 0 | 2.55 0 | 2.18 0 | 2.09 0 | 1.62 | 1.50 0 | 2.38 |
| 21 | 2.22 0 | 2.35 | 2.40 | 2.05 0 | 1.95 | 2.97 0 | 2.55 0 | 2.21 0 | 2.04 0 | 1.32 0 | 1.90 0 | 2.50 |
| 22 | 2.48 0 | 2.75 | 2.30 | 2.10 0 | 1.95 | 3.00 0 | 2.80 0 | 2.20 0 | 2.04 0 | 1.34 0 | 1.90 0 | 2.55 |
| 23 | 1.95 0 | 2.45 0 | 2.70 0 | 1.98 0 | 2.00 | 2.90 0 | 2.59 0 | 2.05 0 | 2.10 0 | 1.24 0 | 1.92 0 | 2.62 |
| 24 | 2.37 0 | 2.45 | 2.58 | 2.05 0 | 1.95 | 2.78 0 | 2.60 0 | 2.06 0 | 2.05 0 | 1.20 0 | 1.87 0 | 2.54 |
| 25 | 2.65 0 | 2.50 | 2.30 | 1.88 0 | 2.00 | 2.40 | 2.60 0 | 2.06 0 | 2.08 0 | 1.40 0 | 1.92 0 | 2.46 |
| 26 | 1.98 0 | 2.70 | 2.65 | 1.85 0 | 1.95 | 2.31 | 2.53 0 | 2.08 0 | 1.98 0 | 1.50 0 | 2.15 0 | 2.47 |
| 27 | 2.18 0 | 2.92 | 2.80 | 1.80 0 | 2.00 | 2.32 | 2.19 0 | 2.00 0 | 2.00 0 | 1.75 0 | 2.22 | 2.36 |
| 28 | 2.40 0 | 3.35 0 | 2.95 0 | 1.98 0 | 2.00 | 2.35 | 2.04 0 | 2.05 0 | 1.70 0 | 1.75 | 1.80 | 1.90 |
| 29 | 2.68 | ----- 0 | 3.00 0 | 1.70 0 | 2.02 | 2.52 | 2.00 0 | 2.00 0 | 1.82 0 | 1.68 0 | 2.29 0 | 1.30 |
| 30 | 2.72 | ----- | 2.00 | 1.80 0 | 2.10 | 2.45 | 2.05 0 | 1.95 0 | 2.00 0 | 1.62 0 | 2.40 0 | 2.20 |
| 31 | 2.48 | ----- | 1.75 | ----- 0 | 2.15 | ----- | 2.13 0 | 2.11 | ----- 0 | 1.58 | ----- 0 | 2.47 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.31 | 2.28 | 2.40 | 2.19 | 1.86 | 2.35 | 2.51 | 2.19 | 2.04 | 1.61 | 1.83 | 2.34 |
| MAX | 2.90 | 3.35 | 3.00 | 2.80 | 2.15 | 3.00 | 3.05 | 2.50 | 2.20 | 1.93 | 2.40 | 2.75 |
| MIN | 1.70 | 1.55 | 1.50 | 1.70 | 1.45 | 1.68 | 2.00 | 1.95 | 1.70 | 1.20 | 1.40 | 1.30 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.16.

HIGHEST STAGE WAS 3.35 AT 8:00 A.M. ON FEB 28.

LOWEST STAGE WAS 1.05 ON NOV 15.

DAILY STAGE FOR 1987

INTRACASTAL WATERWAY AT LELAND BOWMAN LOCK (LA.) (EAST AUTO.)

LOCATION. LAT. 29-47-00, LONG. 92-11-40. ON NORTH BANK AT EAST END OF LOCK. (STA. 7672013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. NOV. 8, 1932, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, 8.9 FEET, FROM WATERMARK LEFT BY HURRICANE OF JUNE 27, 1957. LOWEST, MINUS 2.87 FEET ON JAN. 10, 1962.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT M. L. G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 2.10 | 3.00 | 1.95 | 2.10 | 1.80 | 2.02 | 2.15 | 1.96 | 3.02 | 2.10 | 2.25 | 1.58 |
| 2 | 2.00 | 2.00 | 2.00 | 2.20 | 2.33 | 1.80 | 2.03 | 1.84 | 3.00 | 2.85 | 1.98 | 1.30 |
| 3 | 3.90 | 1.45 | 2.00 | -0.10 | 2.70 | 1.85 | 2.75 | 2.21 | 2.77 | 2.00 | 2.05 | 1.75 |
| 4 | 1.30 | 2.30 | 1.35 | 1.50 | 1.90 | 1.90 | 2.43 | 2.51 | 2.80 | 1.65 | 2.05 | 1.53 |
| 5 | 1.80 | 2.55 | 1.40 | 1.05 | 1.55 | 1.45 | 2.80 | 2.78 | 3.10 | 2.50 | 2.09 | 2.08 |
| 6 | 2.20 | 2.20 | 1.50 | 0.70 | 1.25 | 2.10 | 3.30 | 2.80 | 2.95 | 2.30 | 1.33 | 2.82 |
| 7 | 1.70 | 1.55 | 1.55 | 0.65 | 0.90 | 3.00 | 3.63 | 2.71 | 2.35 | 1.40 | 3.05 | 3.15 |
| 8 | 1.50 | 1.40 | 1.70 | 0.95 | 1.60 | 3.70 | 3.53 | 2.88 | 2.18 | 2.18 | 3.30 | 2.65 |
| 9 | 2.25 | 1.60 | 1.20 | 1.05 | 1.60 | 4.00 | 3.39 | 2.85 | 2.12 | 3.05 | 3.62 | 2.35 |
| 10 | 1.50 | 1.50 | 1.40 | 1.45 | 2.10 | 3.60 | 3.25 | 3.65 | 2.60 | 2.60 | 1.48 | 2.30 |
| 11 | 0.50 | 1.80 | 1.00 | 2.15 | 2.40 | 3.40 | 2.98 | 2.20 | 3.00 | 2.58 | 0.08 | 2.25 |
| 12 | 1.10 | 1.65 | 1.40 | 2.95 | 2.60 | 3.00 | 2.53 | 1.70 | 2.68 | 1.10 | 2.11 | 1.95 |
| 13 | 1.70 | 1.40 | 1.50 | 4.00 | 2.30 | 2.70 | 2.43 | 1.85 | 2.61 | 1.60 | 2.00 | 2.45 |
| 14 | 2.00 | 2.00 | 2.20 | 2.10 | 2.30 | 2.50 | 1.50 | 1.80 | 2.52 | 2.92 | 2.48 | 2.90 |
| 15 | 2.40 | 3.65 | 2.65 | 1.30 | 1.30 | 2.20 | 1.60 | 2.08 | 2.90 | 3.22 | 2.95 | 1.25 |
| 16 | 2.40 | 1.40 | 3.05 | 1.25 | 0.80 | 1.80 | 1.75 | 2.55 | 3.36 | 2.98 | 4.00 | 0.02 |
| 17 | 2.45 | 1.40 | 4.50 | 1.55 | 1.20 | 1.90 | 2.15 | 2.58 | 3.30 | 2.68 | 2.30 | 0.88 |
| 18 | 3.15 | 0.40 | 3.60 | 1.30 | 1.20 | 2.80 | 2.78 | 2.51 | 3.05 | 2.27 | 2.30 | 1.80 |
| 19 | 1.15 | 1.50 | 3.40 | 1.10 | 1.30 | 2.40 | 2.80 | 2.48 | 2.90 | 2.35 | 2.00 | 2.15 |
| 20 | 1.60 | 2.10 | 2.70 | 1.05 | 1.60 | 2.65 | 3.60 | 2.39 | 2.37 | 2.67 | 1.29 | 2.10 |
| 21 | 2.00 | 1.00 | 2.30 | 0.90 | 1.90 | 3.05 | 3.20 | 2.27 | 2.95 | 0.98 | 2.04 | 1.80 |
| 22 | 1.50 | 1.15 | 2.00 | 0.50 | 2.00 | 3.10 | 3.00 | 2.15 | 2.67 | 2.70 | 2.95 | 2.45 |
| 23 | 1.00 | 0.90 | 3.10 | 1.00 | 2.40 | 3.30 | 3.15 | 2.27 | 1.61 | 2.92 | 2.95 | 2.70 |
| 24 | 1.60 | 2.30 | 2.35 | 1.15 | 3.05 | 3.05 | 3.10 | 2.31 | 2.62 | 3.05 | 3.38 | 3.08 |
| 25 | 1.80 | 1.95 | 1.95 | 1.20 | 3.30 | 2.20 | 2.60 | 2.90 | 2.59 | 2.45 | 3.58 | 3.25 |
| 26 | 0.90 | 2.90 | 2.70 | 1.65 | 3.30 | 1.90 | 2.45 | 2.95 | 2.81 | 2.95 | 2.48 | 2.40 |
| 27 | 1.10 | 2.95 | 2.75 | 2.08 | 3.55 | 1.25 | 2.29 | 2.60 | 3.31 | 2.05 | 2.60 | 1.70 |
| 28 | 1.50 | 3.50 | 3.15 | 1.65 | 3.60 | 2.38 | 1.89 | 2.32 | 3.49 | 2.40 | 1.18 | 0.73 |
| 29 | 2.20 | ----- | 3.30 | 1.40 | 3.30 | 2.75 | 2.00 | 2.00 | 2.92 | 2.80 | 1.70 | -0.10 |
| 30 | 2.20 | ----- | 1.35 | 1.90 | 3.00 | 2.50 | 2.01 | 2.50 | 1.70 | 2.72 | 1.63 | 1.55 |
| 31 | 2.00 | ----- | 0.00 | ----- | 2.30 | ----- | 2.00 | 2.90 | ----- | 2.68 | ----- | 2.25 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|------|-------|
| MEAN | 1.82 | 1.91 | 2.16 | 1.46 | 2.14 | 2.54 | 2.62 | 2.44 | 2.74 | 2.41 | 2.31 | 1.97 |
| MAX | 3.90 | 3.65 | 4.50 | 4.00 | 3.60 | 4.00 | 3.63 | 3.65 | 3.49 | 3.22 | 4.00 | 3.25 |
| MIN | 0.50 | 0.40 | 0.00 | -0.10 | 0.80 | 1.25 | 1.50 | 1.70 | 1.61 | 0.98 | 0.08 | -0.10 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.21.

HIGHEST STAGE WAS 5.60 AT 4:30 P. M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.79 ON DEC 29.

DAILY STAGE FOR 1987

INTRACASTAL WATERWAY AT LELAND BOWMAN LOCK (LA.) (EAST STAFF)

LOCATION. LAT. 29-47-00. LONG. 92-11-44. ON PILING 40 FEET EAST OF EAST GATE OF LOCK. (STA. 7676013.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. SEP. 25, 1933, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. (FROM 1946 TO DATE) HIGHEST, 8.90 FEET (FROM HIGH WATER MARK) ON JUNE 27, 1957. LOWEST, MINUS 2.90 FEET ON JAN. 11, 1962.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|---------|-------|---------|-------|-------|-------|-------|---------|-------|---------|------|
| 1 | 2.2 | 3.3 | 2.1 0 | 1.4 0 | 1.0 | 1.7 | 1.9 | 1.8 0 | 2.9 0 | 1.9 0 | 2.7 0 | 1.2 |
| 2 | 2.2 | 2.2 | 1.9 0 | 1.6 0 | 1.6 | 1.6 | 1.9 | 1.9 0 | 2.9 0 | 3.0 0 | 2.3 0 | 1.4 |
| 3 | 4.0 | 1.7 | 2.1 0 | 0.1 0 | 2.7 | 1.9 | 2.6 | 2.2 0 | 2.8 0 | 2.2 0 | 2.2 0 | 1.8 |
| 4 | 1.4 | 1.8 | 1.5 0 | 0.8 0 | 1.9 | 1.9 | 2.5 | 2.6 0 | 2.6 0 | 1.1 0 | 2.3 0 | 1.7 |
| 5 | 1.4 | 1.9 | 1.9 0 | 1.0 0 | 1.5 | 1.6 | 2.7 | 2.6 0 | 2.8 0 | 1.9 0 | 2.3 0 | 2.2 |
| 6 | 2.3 | 1.6 | 1.2 0 | 1.0 0 | 1.2 0 | 1.8 | 3.1 | 2.6 0 | 2.6 0 | 1.9 0 | 1.4 0 | 3.2 |
| 7 | 1.8 | 1.0 | 1.7 0 | 1.0 0 | 0.8 | 2.6 | 3.0 0 | 2.2 0 | 2.2 0 | 1.3 0 | 3.2 0 | 3.8 |
| 8 | 1.3 | 1.4 | 2.0 0 | 1.0 0 | 1.6 | 2.9 | 3.5 0 | 2.1 0 | 2.1 0 | 2.2 0 | 3.5 0 | 2.6 |
| 9 | 2.4 | 1.1 | 1.4 0 | 1.1 0 | 1.9 0 | 3.8 | 2.9 0 | 2.1 0 | 1.8 0 | 3.0 0 | 3.8 0 | 2.6 |
| 10 | 1.5 | 1.6 | 1.7 0 | 1.6 | 2.5 0 | 3.6 | 2.9 0 | 3.5 0 | 2.4 0 | 2.7 0 | 1.4 0 | 2.5 |
| 11 | 1.3 | 2.1 | 1.0 0 | 2.2 | 2.5 | 3.3 | 2.4 0 | 2.0 0 | 2.8 0 | 2.5 0 | -0.1 0 | 2.0 |
| 12 | 1.3 | 2.0 | 1.9 0 | 2.0 | 2.5 | 2.6 | 2.4 0 | 1.5 0 | 2.4 0 | 1.2 0 | 1.8 0 | 2.0 |
| 13 | 1.9 | 1.8 | 1.7 0 | 4.0 | 2.2 | 2.4 | 2.3 | 1.8 0 | 2.8 0 | 1.4 0 | 2.1 0 | 2.4 |
| 14 | 2.2 | 2.6 | 2.5 0 | 2.1 | 2.2 | 1.8 | 1.5 | 1.9 0 | 2.7 0 | 3.0 0 | 2.8 0 | 2.8 |
| 15 | 2.5 0 | 3.4 0 | 3.1 0 | 0.9 | 1.2 | 1.8 | 1.5 | 2.0 0 | 2.8 0 | 3.3 0 | 3.1 0 | 1.1 |
| 16 | 2.6 0 | 1.8 0 | 3.1 0 | 0.8 | 0.9 | 1.7 | 1.7 0 | 2.6 0 | 3.2 0 | 2.8 0 | 4.0 0 | 0.1 |
| 17 | 2.8 0 | 1.1 0 | 4.7 0 | 1.1 | 1.0 | 1.8 | 2.3 0 | 2.6 0 | 3.4 0 | 2.6 0 | 2.4 0 | 0.9 |
| 18 | 3.4 0 | 0.4 0 | 3.5 0 | 0.7 | 1.4 | 2.6 | 2.8 0 | 2.5 0 | 3.0 0 | 2.3 0 | 2.6 0 | 2.1 |
| 19 | 1.3 0 | 1.3 | 2.9 0 | 0.7 | 1.2 | 2.3 | 3.0 | 2.3 0 | 2.4 0 | 2.5 0 | 2.2 0 | 2.2 |
| 20 | 1.9 0 | 1.9 | 2.3 0 | 0.8 | 1.4 | 2.8 | 3.2 0 | 2.2 0 | 2.0 0 | 2.6 | 1.2 0 | 2.4 |
| 21 | 1.9 0 | 1.2 | 2.0 0 | 0.9 | 2.0 | 3.1 0 | 2.9 0 | 2.0 0 | 2.7 0 | 1.0 0 | 2.0 0 | 1.8 |
| 22 | 1.7 0 | 1.4 | 2.0 0 | 0.6 0 | 2.1 | 3.1 0 | 3.0 0 | 2.0 0 | 2.7 0 | 2.4 0 | 3.2 0 | 2.5 |
| 23 | 1.2 | 1.2 | 2.9 0 | 0.9 0 | 2.9 | 2.9 | 2.9 0 | 2.0 0 | 1.3 0 | 3.0 0 | 3.3 0 | 2.9 |
| 24 | 1.9 | 2.5 | 2.6 0 | 1.2 0 | 3.0 | 2.6 | 2.3 0 | 2.0 0 | 2.5 0 | 3.3 0 | 3.3 0 | 3.2 |
| 25 | 2.3 | 2.3 | 2.1 0 | 1.9 0 | 3.0 | 2.1 | 2.1 0 | 2.3 0 | 2.4 0 | 2.6 0 | 3.6 0 | 3.2 |
| 26 | 1.1 | 3.3 | 2.8 0 | 1.5 0 | 3.2 | 1.6 | 2.1 0 | 2.0 0 | 2.7 0 | 2.9 0 | 2.1 0 | 2.5 |
| 27 | 1.6 | 3.5 | 2.9 0 | 1.5 0 | 3.2 | 1.1 | 1.9 0 | 2.4 0 | 3.4 0 | 2.2 0 | 2.4 0 | 2.0 |
| 28 | 2.0 | 4.1 | 2.9 0 | 1.0 0 | 3.4 | 1.8 | 1.4 0 | 2.0 0 | 3.6 0 | 2.2 0 | 1.0 0 | 0.6 |
| 29 | 2.6 | ----- 0 | 3.4 0 | 0.8 0 | 3.1 | 2.2 | 1.6 0 | 1.7 0 | 3.2 0 | 2.9 0 | 1.9 0 | -0.8 |
| 30 | 2.6 | ----- | 1.0 0 | 1.1 0 | 2.2 | 2.1 | 1.9 0 | 2.4 0 | 1.8 0 | 2.8 0 | 1.6 0 | 1.6 |
| 31 | 2.2 | ----- | 2.0 | ----- 0 | 1.7 | ----- | 1.9 0 | 2.9 | ----- 0 | 3.1 | ----- 0 | 2.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| MEAN | 2.0 | 2.0 | 2.3 | 1.2 | 2.0 | 2.3 | 2.4 | 2.2 | 2.6 | 2.4 | 2.4 | 2.0 |
| MAX | 4.0 | 4.1 | 4.7 | 4.0 | 3.4 | 3.8 | 3.5 | 3.5 | 3.6 | 3.3 | 4.0 | 3.8 |
| MIN | 1.1 | 0.4 | 1.0 | 0.1 | 0.8 | 1.1 | 1.4 | 1.5 | 1.3 | 1.0 | -0.1 | -0.8 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

0=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.2.

HIGHEST STAGE WAS 4.7 ON MAR 17.

LOWEST STAGE WAS MINUS 0.8 ON DEC 29.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY AT LELAND BOWMAN LOCK (LA.) (WEST)

LOCATION. LAT. 29-47-05, LONG. 92-11-53. ON NORTH BANK AT WEST END OF LOCK. (STA. 7680013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. SEP. 25, 1933, TO DATE. ADD 0.6 TO DAILY STAGES PRIOR TO 1951.

EXTREMES. HIGHEST, 8.9 FEET, FROM WATERMARK LEFT BY HURRICANE OF JUNE 27, 1957. LOWEST, MINUS 1.00 FOOT ON DEC. 24, 1966.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT M.L.G.

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------|--------|---------|--------|-------|--------|--------|---------|--------|---------|------|
| 1 | 2.40 | 3.00 | 2.30 G | 2.65 | 1.60 | 2.00 | 2.10 | 2.12 G | 2.12 G | 1.95 G | 1.75 G | 1.70 |
| 2 | 2.30 | 2.30 | 2.40 G | 2.70 | 1.70 | 1.80 | 2.20 | 1.98 G | 2.15 G | 1.95 G | 1.80 G | 2.31 |
| 3 | 2.80 | 1.80 | 2.30 G | 2.60 G | 1.65 | 1.80 | 2.80 | 2.21 G | 2.22 G | 1.85 G | 1.72 G | 2.28 |
| 4 | 1.80 | 1.90 | 1.78 G | 2.40 G | 1.70 | 2.00 | 2.45 | 2.41 G | 2.18 G | 1.80 G | 1.80 G | 1.90 |
| 5 | 1.60 | 2.00 | 1.85 G | 2.40 G | 1.75 | 1.55 | 2.75 | 2.31 G | 2.18 G | 1.95 G | 1.77 G | 2.10 |
| 6 | 2.40 | 1.80 | 1.95 G | 2.45 G | 1.70 G | 2.10 | 2.80 | 2.48 G | 2.18 G | 1.88 G | 1.56 G | 2.10 |
| 7 | 1.98 | 1.40 | 1.90 G | 2.40 G | 1.85 | 2.20 | 3.00 | 2.19 G | 2.30 G | 1.69 G | 1.64 G | 2.60 |
| 8 | 1.85 | 1.40 | 2.10 G | 2.50 G | 1.80 | 2.20 | 3.20 | 2.40 G | 2.10 G | 1.70 G | 1.50 G | 2.52 |
| 9 | 2.30 | 1.30 | 1.65 G | 2.50 G | 1.65 G | 2.00 | 3.20 | 2.21 G | 2.05 G | 1.65 G | 1.82 G | 2.58 |
| 10 | 1.80 | 2.00 | 1.65 G | 2.45 | 1.95 G | 2.15 | 3.20 | 2.48 G | 2.02 G | 1.75 G | 2.10 G | 2.35 |
| 11 | 1.50 | 1.70 | 1.50 G | 2.25 | 2.05 | 2.32 | 2.90 G | 2.40 G | 2.05 G | 1.80 G | 1.82 G | 2.50 |
| 12 | 1.50 | 2.05 | 1.70 G | 2.10 | 2.20 | 2.80 | 2.80 G | 2.00 G | 2.15 G | 1.65 G | 1.78 G | 2.70 |
| 13 | 1.90 | 2.15 | 1.70 G | 2.10 | 2.10 | 2.80 | 2.68 | 2.25 G | 2.01 G | 1.60 G | 1.75 G | 2.44 |
| 14 | 2.15 G | 2.05 | 2.60 G | 2.18 | 2.20 | 2.58 | 1.85 | 2.20 G | 1.95 G | 1.60 G | 1.75 G | 2.40 |
| 15 | 2.35 G | 1.85 G | 2.30 G | 2.18 | 1.70 | 3.12 | 1.95 | 2.16 G | 2.00 G | 1.58 G | 1.65 G | 2.60 |
| 16 | 2.50 G | 2.50 G | 2.15 G | 2.12 | 1.20 | 2.10 | 2.05 | 2.48 G | 2.01 G | 1.60 G | 1.55 G | 2.43 |
| 17 | 2.55 G | 2.40 G | 1.40 G | 2.02 | 1.50 | 2.10 | 2.35 | 2.48 G | 2.02 G | 1.68 G | 2.19 G | 2.15 |
| 18 | 3.20 G | 2.40 G | 3.10 G | 2.16 | 1.40 | 2.75 | 2.80 G | 2.45 G | 2.09 G | 1.70 G | 2.10 G | 2.25 |
| 19 | 1.80 G | 1.85 | 2.90 G | 1.96 | 1.20 | 2.75 | 2.80 G | 2.37 G | 2.17 G | 1.60 G | 1.90 G | 2.05 |
| 20 | 2.60 G | 2.25 | 2.70 G | 2.10 | 1.65 | 2.70 | 2.85 G | 2.29 G | 2.10 G | 1.67 | 1.33 G | 2.28 |
| 21 | 2.30 G | 2.30 | 2.45 G | 1.90 | 2.00 | 2.90 | 2.75 G | 2.27 G | 2.10 G | 1.29 G | 1.90 G | 2.35 |
| 22 | 3.30 G | 3.00 | 2.20 G | 2.00 G | 1.95 | 2.95 | 2.95 G | 2.24 G | 2.18 G | 1.38 G | 1.96 G | 2.50 |
| 23 | 1.90 | 1.60 | 2.70 G | 1.90 G | 2.00 | 3.00 | 2.74 G | 2.32 G | 2.13 G | 1.50 G | 1.95 G | 2.52 |
| 24 | 2.25 | 2.40 | 2.70 G | 1.90 G | 2.00 | 2.80 | 2.73 G | 2.05 G | 2.15 G | 1.36 G | 1.98 G | 2.60 |
| 25 | 2.55 | 2.15 | 2.40 G | 1.85 G | 2.00 | 2.50 | 2.70 G | 1.98 G | 2.12 G | 1.51 G | 2.15 G | 2.80 |
| 26 | 1.75 | 2.85 | 2.90 | 1.80 G | 2.00 | 2.25 | 2.55 G | 2.09 G | 2.10 G | 1.55 G | 2.30 G | 2.55 |
| 27 | 2.00 | 2.90 | 3.00 | 1.90 G | 2.10 | 1.70 | 2.38 G | 2.00 G | 2.10 G | 1.72 G | 2.35 G | 2.65 |
| 28 | 2.50 | 3.55 | 2.90 | 1.85 G | 2.20 | 2.50 | 2.00 G | 2.25 G | 2.11 G | 1.75 G | 2.20 G | 1.35 |
| 29 | 2.50 | ----- G | 3.00 | 1.60 G | 2.20 | 2.70 | 2.12 G | 2.05 G | 2.02 G | 1.69 G | 2.35 G | 0.90 |
| 30 | 2.45 | ----- | 1.20 | 1.70 G | 2.20 | 2.40 | 2.20 G | 2.12 G | 1.99 G | 1.71 G | 2.42 G | 1.60 |
| 31 | 2.20 | ----- | 2.60 | ----- G | 2.20 | ----- | 2.23 G | 2.15 | ----- G | 1.72 | ----- G | 2.40 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.23 | 2.17 | 2.26 | 2.15 | 1.85 | 2.38 | 2.58 | 2.24 | 2.10 | 1.67 | 1.89 | 2.27 |
| MAX | 3.30 | 3.55 | 3.10 | 2.70 | 2.20 | 3.12 | 3.20 | 2.48 | 2.30 | 1.95 | 2.42 | 2.80 |
| MIN | 1.50 | 1.30 | 1.20 | 1.60 | 1.20 | 1.55 | 1.85 | 1.98 | 1.95 | 1.29 | 1.33 | 0.90 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

G=GATES CLOSED

THE MEAN STAGE FOR THE YEAR WAS 2.15.

HIGHEST STAGE WAS 3.60 AT 6:00 A.M. ON FEB 28.

LOWEST STAGE WAS 0.55 ON DEC 29.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY AT CALCASIEU LOCK (LA.) (EAST)

LOCATION. LAT. 30-05-14, LONG. 93-17-28. NEAR EAST END OF LOCK, 10.5 MILES SOUTHWEST OF LAKE CHARLES, LA. (STA. 7688021.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1, 1951, TO DATE. DISREGARD GAGE ZERO REPORTED PRIOR TO 1963, PRESENT ZERO IS CORRECT FOR ALL PERIODS.

EXTREMES. HIGHEST, 6.60 FEET (CAUSED BY HURRICANE) ON JUNE 28, 1957. LOWEST, MINUS 0.4 FOOT FROM JULY 8 TO 10, 1951.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 0.81 FOOT, M.L.G. (1955 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.50 | 3.70 | 3.50 | 2.80 | 2.40 | 3.00 | 3.35 | 2.97 | 2.81 | 2.39 | 2.50 | 2.85 |
| 2 | 3.30 | 3.50 | 3.35 | 2.85 | 2.50 | 3.00 | 3.55 | 2.88 | 2.75 | 2.50 | 2.38 | 2.85 |
| 3 | 4.00 | 3.10 | 3.50 | 3.10 | 2.60 | 2.90 | 3.50 | 2.83 | 2.72 | 2.47 | 2.38 | 2.99 |
| 4 | 3.60 | 3.30 | 3.10 | 3.20 | 2.65 | 2.90 | 3.48 | 2.82 | 2.70 | 2.38 | 2.30 | 2.85 |
| 5 | 3.50 | 3.00 | 3.20 | 3.20 | 2.60 | 2.80 | 3.60 | 2.76 | 2.71 | 2.41 | 2.25 | 2.95 |
| 6 | 3.35 | 3.00 | 3.55 | 2.30 | 2.50 | 2.80 | 3.53 | 2.68 | 2.73 | 2.45 | 2.22 | 3.15 |
| 7 | 3.50 | 2.05 | 3.20 | 2.90 | 2.45 | 2.90 | 3.65 | 2.85 | 2.70 | 2.25 | 2.40 | 3.40 |
| 8 | 3.45 | 3.00 | 2.15 | 2.85 | 2.48 | 2.90 | 3.88 | 2.90 | 2.65 | 2.30 | 2.45 | 3.35 |
| 9 | 3.50 | 3.10 | 2.80 | 2.80 | 2.60 | 3.00 | 3.88 | 2.98 | 2.72 | 2.50 | 2.75 | 3.25 |
| 10 | 2.70 | 3.00 | 2.70 | 2.85 | 2.65 | 3.15 | 3.90 | 3.20 | 2.76 | 2.50 | 2.15 | 3.21 |
| 11 | 3.20 | 3.10 | 3.30 | 2.80 | 2.60 | 3.25 | 3.73 | 3.23 | 2.75 | 2.30 | 2.18 | 3.30 |
| 12 | 3.15 | 3.00 | 3.20 | 3.00 | 2.68 | 3.42 | 3.63 | 3.23 | 2.75 | 2.20 | 2.30 | 3.25 |
| 13 | 2.65 | 2.80 | 3.00 | 3.15 | 2.75 | 3.40 | 3.60 | 3.22 | 2.70 | 2.25 | 2.44 | 3.15 |
| 14 | 2.90 | 2.90 | 3.20 | 2.70 | 2.80 | 3.40 | 3.28 | 3.20 | 2.74 | 2.28 | 2.55 | 3.48 |
| 15 | 3.20 | 3.20 | 3.30 | 2.60 | 2.75 | 3.25 | 3.05 | 3.19 | 2.75 | 2.35 | 2.70 | 3.00 |
| 16 | 3.30 | 3.00 | 3.38 | 2.50 | 2.70 | 3.20 | 3.00 | 3.15 | 2.80 | 2.30 | 3.25 | 2.95 |
| 17 | 3.50 | 2.95 | 4.10 | 2.65 | 2.70 | 3.70 | 3.25 | 3.05 | 2.75 | 2.15 | 3.08 | 3.02 |
| 18 | 4.05 | 2.80 | 4.00 | 2.60 | 2.80 | 3.70 | 3.40 | 3.00 | 2.77 | 2.22 | 3.05 | 3.05 |
| 19 | 2.95 | 3.15 | 3.70 | 2.70 | 2.80 | 3.50 | 3.35 | 2.98 | 2.82 | 2.20 | 2.88 | 3.32 |
| 20 | 3.50 | 3.35 | 3.60 | 2.70 | 2.80 | 3.48 | 3.40 | 2.81 | 2.79 | 2.30 | 2.78 | 3.15 |
| 21 | 3.20 | 2.40 | 3.55 | 2.60 | 2.70 | 3.70 | 3.48 | 2.80 | 2.86 | 2.22 | 2.89 | 3.12 |
| 22 | 3.35 | 2.70 | 3.70 | 2.38 | 2.60 | 3.55 | 3.33 | 2.75 | 2.80 | 2.18 | 3.00 | 3.28 |
| 23 | 2.70 | 3.20 | 3.90 | 2.40 | 2.70 | 3.58 | 3.35 | 2.72 | 2.70 | 2.37 | 3.10 | 3.30 |
| 24 | 3.10 | 3.08 | 3.35 | 2.32 | 2.75 | 3.40 | 3.40 | 2.73 | 2.70 | 2.42 | 3.00 | 3.45 |
| 25 | 3.50 | 3.60 | 3.20 | 2.40 | 2.80 | 3.35 | 3.38 | 2.80 | 2.68 | 2.30 | 3.08 | 3.60 |
| 26 | 3.70 | 3.90 | 3.30 | 2.40 | 2.90 | 3.20 | 3.35 | 2.81 | 2.70 | 2.25 | 2.98 | 3.38 |
| 27 | 2.90 | 3.90 | 3.50 | 2.35 | 3.10 | 3.10 | 3.35 | 2.75 | 2.75 | 2.47 | 2.89 | 2.90 |
| 28 | 3.20 | 4.05 | 3.40 | 2.25 | 3.15 | 3.15 | 3.20 | 2.70 | 2.80 | 2.35 | 2.75 | 3.18 |
| 29 | 3.95 | ----- | 3.35 | 2.35 | 3.10 | 3.40 | 3.10 | 2.74 | 2.70 | 2.50 | 2.87 | 2.78 |
| 30 | 3.70 | ----- | 2.70 | 2.42 | 3.00 | 3.40 | 3.10 | 2.80 | 2.51 | 2.58 | 2.85 | 3.00 |
| 31 | 3.10 | ----- | 3.00 | ----- | 2.95 | ----- | 3.05 | 2.82 | ----- | 2.65 | ----- | 3.05 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 3.33 | 3.14 | 3.32 | 2.67 | 2.73 | 3.25 | 3.42 | 2.91 | 2.74 | 2.35 | 2.68 | 3.15 |
| MAX | 4.05 | 4.05 | 4.10 | 3.20 | 3.15 | 3.70 | 3.90 | 3.23 | 2.86 | 2.65 | 3.25 | 3.60 |
| MIN | 2.65 | 2.05 | 2.15 | 2.25 | 2.40 | 2.80 | 3.00 | 2.68 | 2.51 | 2.15 | 2.15 | 2.78 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.97.

HIGHEST STAGE WAS 4.35 AT 2:30 A.M. ON FEB 28.

LOWEST STAGE WAS 1.75 ON DEC 29.

DAILY STAGE FOR 1987

INTRACOSTAL WATERWAY AT CALCASIEU LOCK (LA.) (WEST STAFF)

LOCATION. LAT. 30-05-19, LONG. 93-17-40. NEAR WEST END OF LOCK, 10.5 MILES SOUTHWEST OF LAKE CHARLES, LA. (STA. 7692021.)

GAGE. STAFF TYPE.

RECORDS AVAILABLE. MAR. 6, 1951, TO DATE. DISREGARD GAGE ZERO REPORTED PRIOR TO 1963, PRESENT ZERO IS CORRECT FOR ALL PERIODS.

EXTREMES. HIGHEST, 9.0 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 0.7 FOOT ON DEC. 19, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 0.81 FOOT, M.L.G. (1955 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.40 | 3.60 | 3.30 | 2.30 | 2.00 | 2.60 | 3.00 | 2.70 | 3.30 | 3.00 | 3.20 | 2.50 |
| 2 | 3.10 | 2.70 | 2.90 | 2.30 | 2.00 | 2.60 | 3.00 | 2.80 | 3.40 | 3.30 | 2.90 | 2.70 |
| 3 | 4.10 | 2.70 | 3.00 | 1.20 | 2.60 | 2.50 | 3.20 | 3.10 | 3.40 | 2.70 | 3.30 | 2.75 |
| 4 | 1.80 | 2.30 | 2.60 | 1.50 | 2.40 | 2.40 | 3.10 | 3.10 | 3.30 | 2.50 | 3.00 | 2.60 |
| 5 | 2.40 | 2.60 | 2.40 | 1.90 | 2.30 | 2.30 | 3.40 | 3.20 | 3.30 | 3.20 | 3.10 | 2.75 |
| 6 | 3.10 | 2.40 | 2.50 | 1.80 | 2.10 | 2.60 | 3.70 | 3.30 | 3.30 | 3.10 | 2.50 | 3.60 |
| 7 | 2.80 | 1.40 | 2.90 | 1.80 | 2.00 | 3.40 | 3.80 | 3.10 | 3.30 | 2.20 | 3.50 | 3.50 |
| 8 | 2.40 | 1.90 | 3.00 | 2.00 | 2.30 | 3.70 | 3.90 | 3.10 | 3.00 | 2.70 | 3.70 | 3.40 |
| 9 | 3.00 | 1.50 | 2.50 | 2.10 | 1.90 | 3.80 | 3.80 | 3.00 | 2.80 | 3.40 | 4.10 | 3.80 |
| 10 | 2.40 | 2.30 | 2.50 | 2.40 | 2.80 | 4.00 | 3.50 | 3.80 | 2.90 | 3.40 | 2.30 | 3.40 |
| 11 | 2.00 | 2.60 | 2.30 | 2.70 | 3.00 | 3.90 | 3.30 | 2.80 | 3.00 | 3.40 | 1.80 | 3.20 |
| 12 | 2.00 | 2.70 | 2.70 | 3.20 | 2.90 | 3.80 | 3.30 | 2.40 | 3.05 | 2.50 | 2.70 | 3.00 |
| 13 | 2.40 | 2.50 | 2.50 | 3.80 | 3.00 | 3.50 | 3.10 | 2.60 | 3.10 | 2.80 | 2.80 | 2.90 |
| 14 | 2.60 | 3.00 | 3.00 | 2.40 | 2.70 | 2.80 | 2.40 | 2.60 | 3.00 | 3.20 | 3.10 | 3.40 |
| 15 | 3.20 | 3.90 | 3.55 | 2.40 | 2.30 | 2.80 | 2.20 | 3.00 | 3.30 | 3.40 | 3.40 | 2.20 |
| 16 | 3.00 | 2.50 | 3.60 | 2.00 | 1.60 | 2.50 | 2.40 | 3.00 | 3.50 | 3.60 | 4.40 | 1.70 |
| 17 | 3.30 | 2.30 | 4.40 | 2.20 | 1.60 | 2.60 | 2.90 | 3.00 | 3.50 | 3.40 | 3.50 | 2.00 |
| 18 | 4.10 | 1.90 | 4.15 | 1.80 | 1.90 | 2.70 | 3.40 | 3.00 | 3.40 | 3.10 | 3.20 | 2.60 |
| 19 | 2.60 | 2.20 | 3.70 | 1.70 | 1.70 | 3.00 | 3.40 | 3.00 | 3.10 | 3.00 | 3.50 | 3.10 |
| 20 | 2.70 | 2.40 | 2.90 | 1.60 | 2.30 | 3.40 | 3.70 | 3.00 | 2.50 | 3.20 | 2.90 | 3.00 |
| 21 | 2.90 | 1.90 | 3.10 | 1.70 | 2.70 | 3.80 | 3.70 | 2.90 | 3.10 | 1.90 | 3.00 | 2.90 |
| 22 | 3.10 | 2.50 | 3.00 | 1.50 | 2.80 | 3.70 | 3.40 | 2.70 | 3.10 | 3.30 | 3.70 | 3.30 |
| 23 | 1.70 | 1.50 | 3.50 | 2.10 | 3.10 | 3.70 | 3.50 | 2.50 | 2.40 | 3.60 | 3.70 | 3.50 |
| 24 | 2.60 | 2.80 | 3.30 | 2.40 | 3.10 | 3.50 | 3.60 | 2.70 | 3.30 | 3.80 | 3.60 | 3.80 |
| 25 | 2.90 | 3.00 | 3.10 | 2.20 | 3.10 | 3.25 | 3.30 | 3.00 | 3.30 | 3.30 | 4.20 | 2.80 |
| 26 | 1.60 | 3.80 | 3.40 | 2.40 | 3.35 | 2.80 | 3.10 | 2.90 | 3.30 | 3.80 | 3.50 | 2.60 |
| 27 | 2.30 | 3.90 | 3.50 | 2.40 | 3.60 | 2.20 | 3.00 | 2.90 | 3.70 | 3.30 | 3.40 | 2.80 |
| 28 | 2.80 | 4.80 | 3.45 | 2.35 | 3.60 | 2.80 | 2.80 | 2.70 | 4.00 | 3.00 | 2.80 | 2.40 |
| 29 | 2.90 | ----- | 3.45 | 1.90 | 3.60 | 3.00 | 2.70 | 2.80 | 3.60 | 3.20 | 2.90 | 1.60 |
| 30 | 2.90 | ----- | 2.20 | 2.00 | 3.00 | 3.00 | 2.90 | 2.90 | 3.00 | 3.40 | 3.00 | 2.20 |
| 31 | 2.80 | ----- | 1.40 | ----- | 2.80 | ----- | 2.70 | 3.30 | ----- | 3.20 | ----- | 3.00 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.74 | 2.63 | 3.03 | 2.13 | 2.58 | 3.09 | 3.20 | 2.93 | 3.21 | 3.13 | 3.22 | 2.87 |
| MAX | 4.10 | 4.80 | 4.40 | 3.80 | 3.60 | 4.00 | 3.90 | 3.80 | 4.00 | 3.80 | 4.40 | 3.80 |
| MIN | 1.60 | 1.40 | 1.40 | 1.20 | 1.60 | 2.20 | 2.20 | 2.40 | 2.40 | 1.90 | 1.80 | 1.60 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 2.90.

HIGHEST STAGE WAS 4.80 ON FEB 28.

LOWEST STAGE WAS 1.20 ON APR 3.

DAILY STAGE FOR 1987

INTRACOASTAL WATERWAY AT CALCASIEU LOCK (LA) (WEST AUTO.)

LOCATION. LAT. 30-05-19, LONG. 93-17-40. AT WEST END OF LOCK, 10.5 MILES SOUTHWEST OF LAKE CHARLES, LA. (STA. 7696021.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. JAN. 1, 1951, TO DATE. DISREGARD GAGE ZERO REPORTED PRIOR TO 1963. PRESENT ZERO IS CORRECT FOR ALL PERIODS.

EXTREMES. HIGHEST, 8.80 FEET (CAUSED BY HURRICANE) ON JUNE 27, 1957. LOWEST, MINUS 1.32 FEET ON FEB. 28, 1984.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, MINUS 0.81 FOOT, M. L. G. (1955 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|--------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 3.20 | 3.55 | 3.20 | 2.60 | 2.58 | 3.05 | 3.10 | 2.72 | 3.40 | 3.10 | 2.95 | 2.30 |
| 2 | 2.80 | 3.00 | 3.00 | 2.60 | 2.70 | 2.80 | 3.00 | 2.72 | 3.34 | 3.40 | 2.75 | 2.10 |
| 3 | 4.20 | 2.50 | 3.25 | 1.50 | 3.30 | 2.48 | 3.20 | 2.95 | 3.29 | 2.67 | 2.80 | 2.40 |
| 4 | 1.85 | 2.70 | 2.70 | 2.00 | 2.85 | 2.25 | 3.15 | 3.05 | 3.25 | 2.55 | 2.82 | 2.30 |
| 5 | 2.65 | 2.70 | 2.50 | 1.70 | 2.20 | 2.10 | 3.38 | 3.33 | 3.37 | 2.80 | 2.34 | 2.65 |
| 6 | 3.10 | 2.50 | 2.60 | 1.60 | 2.20 | 2.50 | 3.60 | 3.30 | 3.44 | 2.83 | 2.50 | 3.35 |
| 7 | 2.80 | 1.20 | 2.90 | 1.50 | 1.90 | 3.30 | 3.75 | 3.24 | 3.35 | 2.10 | 3.40 | 3.50 |
| 8 | 2.30 | 1.60 | 2.90 | 1.75 | 2.20 | 3.70 | 3.95 | 3.32 | 3.17 | 2.52 | 3.45 | 3.25 |
| 9 | 3.00 | 1.10 | 2.25 | 1.70 | 2.45 | 3.90 | 3.80 | 3.41 | 2.96 | 3.20 | 3.65 | 3.30 |
| 10 | 2.20 | 2.00 | 2.10 | 2.10 | 2.75 | 4.12 | 3.75 | 4.00 | 2.98 | 3.00 | 2.15 | 3.24 |
| 11 | 1.50 | 2.50 | 2.20 | 2.50 | 3.10 | 4.20 | 3.60 | 3.25 | 3.29 | 2.10 | 2.05 | 3.02 |
| 12 | 1.80 | 2.50 | 2.40 | 3.04 | 3.10 | 4.20 | 3.55 | 2.80 | 3.00 | 2.45 | 2.68 | 2.91 |
| 13 | 2.30 | 2.55 | 2.40 | 3.80 | 3.10 | 4.25 | 3.48 | 3.00 | 3.01 | 2.90 | 2.65 | 3.10 |
| 14 | 2.60 | 3.00 | 3.20 | 2.35 | 3.05 | 3.65 | 3.10 | 2.66 | 3.17 | 3.25 | 2.90 | 3.34 |
| 15 | 3.05 | 3.50 | 3.35 | 2.50 | 2.45 | 3.45 | 2.55 | 3.16 | 3.30 | 3.48 | 3.20 | 2.00 |
| 16 | 3.10 | 2.40 | 3.55 | 2.10 | 2.15 | 3.20 | 2.50 | 3.05 | 3.68 | 3.34 | 4.48 | 1.68 |
| 17 | 3.20 F | 2.65 | 4.65 | 2.20 | 2.15 | 2.70 | 2.90 | 3.04 | 3.53 | 3.25 | 3.32 | 1.88 |
| 18 | 3.95 | 2.00 | 4.30 | 2.00 | 2.10 | 2.80 | 3.35 | 2.95 | 3.47 | 2.86 | 3.11 | 2.37 |
| 19 | 2.28 | 2.30 | 3.72 | 1.95 | 2.00 | 3.00 | 3.25 | 3.11 | 3.50 | 2.95 | 3.22 | 3.02 |
| 20 F | 2.70 | 2.85 | 3.15 | 1.70 | 2.30 | 3.35 | 3.75 | 3.06 | 2.90 | 3.00 | 2.79 | 2.79 |
| 21 | 3.00 | 1.75 | 3.30 | 1.60 | 2.50 | 3.50 | 3.62 | 3.05 | 3.30 | 1.80 | 2.80 | 2.80 |
| 22 | 2.95 | 2.20 | 3.00 | 1.20 | 2.70 | 3.50 | 3.48 | 2.91 | 3.13 | 3.15 | 3.40 | 3.17 |
| 23 | 2.00 | 1.50 | 3.50 | 1.70 | 2.95 | 3.60 | 3.58 | 2.84 | 2.92 | 3.45 | 3.54 | 3.40 |
| 24 | 2.40 | 2.70 | 3.10 | 2.10 | 3.10 | 3.58 | 3.60 | 2.83 | 3.33 | 3.55 | 3.38 | 3.60 |
| 25 | 2.15 | 2.75 | 2.80 | 2.25 | 3.50 | 3.35 | 3.40 | 3.12 | 3.31 | 3.15 | 3.90 | 3.65 |
| 26 | 1.40 | 3.65 | 3.20 | 2.55 | 3.60 | 3.15 | 3.35 | 3.23 | 3.33 | 3.60 | 3.60 | 3.28 |
| 27 | 2.00 | 3.70 | 3.40 | 2.70 | 3.98 | 2.60 | 2.65 | 3.08 | 3.59 | 3.05 | 3.40 | 2.70 |
| 28 | 2.25 | 4.35 | 3.40 | 2.55 | 4.00 | 3.00 | 3.10 | 2.91 | 3.85 | 3.15 | 2.71 | 2.00 |
| 29 | 2.60 | ----- | 2.40 | 2.10 | 3.70 | 3.35 | 2.80 | 2.95 | 3.43 | 3.25 | 2.82 | 0.65 |
| 30 | 2.60 | ----- | 2.30 | 2.50 | 3.35 | 3.15 | 2.90 | 3.09 | 3.15 | 3.30 | 2.75 | 2.10 |
| 31 | 2.50 | ----- | 2.00 | ----- | 3.10 | ----- | 2.70 | 3.28 | ----- | 3.15 | ----- | 2.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.59 | 2.56 | 2.99 | 2.15 | 2.81 | 3.26 | 3.29 | 3.08 | 3.29 | 2.98 | 3.05 | 2.73 |
| MAX | 4.20 | 4.35 | 4.65 | 3.80 | 4.00 | 4.25 | 3.95 | 4.00 | 3.85 | 3.60 | 4.48 | 3.65 |
| MIN | 1.40 | 1.10 | 2.00 | 1.20 | 1.90 | 2.10 | 2.50 | 2.66 | 2.90 | 1.80 | 2.05 | 0.65 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365
F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.90.

HIGHEST STAGE WAS 5.56 AT 4.00 A. M. ON FEB. 28.

LOWEST STAGE WAS 0.45 ON MAR. 31.

DAILY STAGE FOR 1987

DELCAMBRE CANAL AT DELCAMBRE, LA.

LOCATION. LAT. 29-56-55, LONG. 91-58-58. ON WHARF 800 FEET DOWNSTREAM FROM STATE HIGHWAY 14
BRIDGE. (STA. 7950013.)

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

RECORDS AVAILABLE. JAN. 1948 TO DATE. THE LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING
PERIOD OF RECORD. THE GAGE HAS BEEN LOCATED AT THE PRESENT SITE SINCE JUNE 4, 1963.

EXTREMES. HIGHEST, 7.0 FEET, FROM WATERMARK LEFT BY HURRICANE OF JUNE 27, 1957. LOWEST, MINUS
3.2 FEET ON NOV. 17, 1951.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|-----|-------|-----|-----|-------|------|-------|------|
| 1 | 1.6 | 2.8 | 1.8 | -0.5 | 1.0 | 1.6 | 1.8 | 1.4 | 2.0 | 1.0 | 2.2 | 1.0 |
| 2 | 2.4 | 1.8 | 1.0 | 1.0 | 1.5 | 1.4 | 1.6 | 2.1 | 1.8 | 1.0 | 2.1 | 1.4 |
| 3 | 2.5 | 1.4 | 1.0 | -1.5 | 2.0 | 1.2 | 2.0 | 2.0 | 1.7 | 1.0 | 1.9 | 1.8 |
| 4 | 1.0 | 1.5 | -0.8 | -2.0 | 1.5 | 1.3 | 2.3 | 1.9 | 1.6 | 0.8 | 2.0 | 1.4 |
| 5 | 1.0 | 1.0 | -0.5 | -1.5 | 1.2 | 1.0 | 1.8 | 2.1 | 2.6 | 1.5 | 1.8 | 1.2 |
| 6 | 1.5 | 1.0 | 1.0 | -1.0 | 1.0 | 1.5 | 2.0 | 1.8 | 1.2 | 1.7 | 1.0 | 2.4 |
| 7 | 1.6 | -0.5 | 1.5 | 1.0 | 1.0 | 2.2 | 2.6 | 2.1 | 1.6 | 1.5 | 1.6 | 2.8 |
| 8 | 1.0 | -1.5 | 1.5 | -0.8 | 1.6 | 2.4 | 2.3 | 1.8 | 1.5 | 1.8 | 2.9 | 2.1 |
| 9 | 1.8 | -1.5 | 1.2 | 1.2 | 1.6 | 2.8 | 2.0 | 1.8 | 1.5 | 2.1 | 3.1 | 2.2 |
| 10 | 1.8 | -1.0 | -0.8 | 1.2 | 1.8 | 2.7 | 2.3 | 2.5 | 0.7 | 2.2 | 1.5 | 2.0 |
| 11 | -1.0 | 1.6 | -1.5 | 1.8 | 1.9 | 2.0 | 2.2 | 2.0 | 1.4 | 1.6 | -2.0 | 1.8 |
| 12 | -1.0 | 1.5 | -1.5 | 2.7 | 1.7 | 1.9 | 2.0 | 0.9 | 0.9 | -1.0 | 1.5 | 1.3 |
| 13 | 1.2 | 1.2 | 1.0 | 2.8 | 1.6 | 2.3 | 1.8 | 0.8 | 2.0 | -1.0 | 1.5 | 1.8 |
| 14 | 1.6 | 1.5 | 1.0 | 2.0 | 1.8 | 2.0 | 1.6 | 1.0 | 1.9 | 1.5 | 2.0 | 2.4 |
| 15 | 2.0 | 2.9 | 2.6 | 1.0 | 1.0 | 1.6 | 1.4 | 1.2 | 2.1 | 2.2 | 2.0 | 1.5 |
| 16 | 1.8 | 1.5 | 2.6 | 1.0 | 1.2 | 1.4 | 1.4 | 1.6 | 2.0 | 2.4 | 3.5 | -2.5 |
| 17 | 1.8 | -1.5 | 3.0 | 1.5 | 1.4 | 1.6 | 1.2 | 1.2 | 2.4 | 1.8 | 3.2 | -1.8 |
| 18 | 2.9 | -1.5 | 4.0 | 1.0 | 1.5 | 2.7 | 1.9 | 1.0 | 2.5 | 1.9 | 1.8 | 1.4 |
| 19 | -1.0 | -2.0 | 2.7 | 0.8 | 1.0 | 1.8 | 2.0 | 1.5 | 2.2 | 1.8 | 1.7 | 1.8 |
| 20 | 1.0 | 1.5 | 1.6 | 1.0 | 1.3 | 2.2 | 1.9 | 0.9 | 2.6 | 2.0 | -1.0 | 2.4 |
| 21 | -0.5 | 1.8 | 1.8 | 1.0 | 1.8 | 2.0 | 2.0 | 1.2 | 2.0 | 1.0 | 1.0 | 1.8 |
| 22 | -0.5 | 1.0 | 1.3 | 1.0 | 1.9 | 2.2 | 2.1 | 1.6 | 2.0 | 1.5 | 2.1 | 2.3 |
| 23 | -1.5 | -0.5 | 2.0 | 0.5 | 1.8 | 1.8 | 2.3 | 1.8 | 1.6 | 2.0 | 2.8 | 2.1 |
| 24 | 1.0 | 1.5 | 2.7 | 1.2 | 1.9 | 1.7 | 1.9 | 1.6 | 1.8 | 2.2 | 2.6 | 2.4 |
| 25 | 1.0 | 1.9 | 1.8 | -1.0 | 2.0 | 1.6 | 2.0 | 1.4 | 1.4 | 2.2 | 2.9 | 2.0 |
| 26 | -1.5 | 2.9 | 2.3 | 1.0 | 2.0 | 1.8 | 2.1 | 1.8 | 1.6 | 2.2 | 1.9 | 2.6 |
| 27 | -1.5 | 3.0 | 2.8 | 1.2 | 2.2 | 0.8 | 1.8 | 1.6 | 2.5 | 1.8 | 2.0 | 1.8 |
| 28 | -0.9 | 3.9 | 2.3 | -0.8 | 2.3 | 1.8 | 1.6 | 1.9 | 2.6 | 1.8 | 1.9 | -1.5 |
| 29 | 1.3 | ----- | 2.8 | -0.5 | 2.6 | 1.7 | 1.2 | 1.4 | 2.6 | 2.0 | 0.5 | -1.5 |
| 30 | 1.0 | ----- | -0.8 | 1.0 | 2.4 | 1.8 | 1.4 | 1.0 | 1.0 | 2.0 | 1.2 | 1.0 |
| 31 | 1.0 | ----- | -2.0 | ----- | 2.2 | ----- | 1.2 | 0.8 | ----- | 2.1 | ----- | 2.0 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|
| MEAN | 0.8 | 1.0 | 1.3 | 0.6 | 1.7 | 1.8 | 1.9 | 1.5 | 1.8 | 1.6 | 1.8 | 1.4 |
| MAX | 2.9 | 3.9 | 4.0 | 2.8 | 2.6 | 2.8 | 2.6 | 2.5 | 2.6 | 2.4 | 3.5 | 2.8 |
| MIN | -1.5 | -2.0 | -2.0 | -2.0 | 1.0 | 0.8 | 1.2 | 0.8 | 0.7 | -1.0 | -2.0 | -2.5 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.4.

HIGHEST STAGE WAS 4.2 AT 4.00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 2.5 ON NOV 11 AND LATER DATE(S).

DAILY STAGE FOR 1987

BAYOU LAFOURCHE AT GOLDEN MEADOW FLOODGATE (NORTH) (LA.)

LOCATION. LAT. 29-20-33. LONG. 90-14-44. APPROXIMATELY TWO MILES SOUTH OF GOLDEN MEADOW LA. ON THE
UPSTREAM SIDE OF FLOODGATE. (STA. 8225007.)

GAGE. AUTOMATIC RECORDER.

RECORDS AVAILABLE. JUNE 13, 1986 TO DATE.

EXTREMES.

DAILY EIGHT A. M. STAGES IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | | 0.64 | 0.98 | 0.26 | 0.12 | 0.70 | 0.74 | 0.82 | 1.12 | | 0.72 | 0.18 |
| 2 | | 0.72 | 0.42 | 0.31 | 0.31 | 0.64 | 0.81 | 0.84 | 1.31 | 1.10 | 0.45 | 0.21 |
| 3 | | 0.36 | 0.55 | -0.49 | 0.52 | 0.63 | 0.87 | 0.94 | 1.28 | 0.68 | 0.52 | 0.21 |
| 4 | | 0.45 | 0.09 | -0.22 | 0.63 | 0.66 | 0.84 | 1.05 | 1.06 | 0.45 | 0.64 | 0.28 |
| 5 | | 0.45 | 0.03 | -0.53 | 0.31 | 0.45 | 0.90 | 1.06 | 1.21 | 0.56 | 0.88 | 0.31 |
| 6 | | 0.72 | 0.12 | -0.39 | 0.18 | 0.63 | 1.16 | 1.10 | 1.16 | 0.36 | 0.64 | 0.60 |
| 7 | | 0.15 | 0.36 | -0.28 | 0.02 | 1.17 | 1.34 | 1.00 | 1.01 | 0.24 | 0.89 | 1.31 |
| 8 | | -0.14 | 0.69 | -0.05 | 0.00 | 1.52 | 1.38 | 0.98 | 0.83 | 0.20 | 1.11 | 1.34 |
| 9 | | -0.53 | 0.35 | -0.25 | 0.23 | 1.65 | 1.27 | 0.97 | 0.39 | 0.50 | 1.44 | 1.20 |
| 10 | | -0.47 | 0.28 | -0.06 | 0.51 | 1.53 | 1.08 | 1.02 | 0.50 | 0.52 | 1.12 | 1.02 |
| 11 | -0.44 | -0.18 | 0.22 | 0.36 | 0.76 | 1.49 | 1.08 | 0.82 | 0.85 | 0.69 | 0.34 | 0.77 |
| 12 | -0.52 | 0.03 | 0.16 | 0.70 | 0.74 | 1.40 | 0.96 | 0.65 | 0.88 | 0.44 | 0.44 | 0.89 |
| 13 | -0.18 | -0.03 | 0.19 | 1.15 | 0.69 | 1.16 | 0.83 | 0.58 | 0.96 | 0.49 | 0.38 | 0.80 |
| 14 | 0.02 | 0.30 | 0.40 | 1.23 | 0.59 | 1.01 | 0.62 | 0.60 | 0.94 | 0.73 | 0.68 | 1.10 |
| 15 | 0.49 | 0.75 | 0.75 | 0.70 | 0.33 | 0.85 | 0.53 | 0.68 | 0.86 | 0.75 | 0.93 | 0.99 |
| 16 | 0.77 | 1.00 | 0.98 | 0.47 | 0.18 | 0.66 | 0.68 | 0.83 | 1.02 | 0.85 | 1.31 | -0.09 |
| 17 | 0.81 | 0.37 | 1.36 | 0.47 | 0.13 | 0.65 | 0.77 | 0.70 | 1.17 | 0.71 | 1.10 | -0.16 |
| 18 | 1.20 | -0.08 | 1.64 | 0.35 | 0.06 | 0.86 | 0.92 | 0.80 | 1.08 | 0.63 | 0.72 | -0.08 |
| 19 | 0.60 | -0.27 | 1.47 | 0.07 | 0.09 | 0.72 | 1.15 | 0.71 | 1.10 | 0.62 | 0.77 | 0.13 |
| 20 | 0.17 | 0.05 | 1.16 | 0.11 | 0.23 | 1.04 | 1.43 | 0.69 | 0.92 | 0.65 | 0.43 | 0.66 |
| 21 | 0.22 | 0.33 | 0.98 | | 0.57 | 1.15 | 1.44 | 0.68 | 0.86 | 0.14 | 0.28 | 0.70 |
| 22 | 0.36 | 0.49 | 0.83 | | 0.54 | 1.21 | 1.37 | 0.64 | 0.73 | 0.40 | 0.47 | 0.84 |
| 23 | -0.57 | -0.42 | 1.23 | | 0.71 | 1.25 | 1.38 | 0.67 | 0.56 | 0.58 | 0.75 | 0.86 |
| 24 | -0.43 | | 1.73 | 0.04 | 0.98 | 1.14 | 1.34 | 0.74 | 0.72 | 0.74 | 1.00 | 1.01 |
| 25 | 0.15 | 0.41 | 1.27 | 0.22 | 1.07 | 0.98 | 1.18 | 0.88 | 0.83 | 0.86 | 1.23 | 1.15 |
| 26 | -0.52 | 0.92 | 1.29 | 0.20 | 1.21 | 0.82 | 1.03 | 0.91 | 0.90 | 0.98 | 1.38 | 1.11 |
| 27 | -0.45 | 1.10 | 1.40 | 0.39 | 1.33 | 0.61 | 0.86 | 0.75 | 1.09 | 0.87 | 1.37 | 0.84 |
| 28 | -0.23 | 1.48 | 1.42 | 0.38 | 1.35 | 0.70 | 0.85 | 0.78 | 1.14 | 0.75 | 0.97 | 0.12 |
| 29 | 0.24 | ----- | 1.43 | 0.28 | 1.20 | 0.91 | 0.82 | 0.72 | 1.14 | 0.88 | 0.61 | -0.82 |
| 30 | 0.62 | ----- | 0.97 | 0.33 | 1.14 | 0.88 | 0.81 | 0.89 | 1.00 | 0.82 | 0.45 | |
| 31 | 0.19 | ----- | 0.26 | ----- | 0.91 | ----- | 0.74 | 1.02 | ----- | 0.78 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|
| MEAN | 0.12 | 0.32 | 0.81 | 0.21 | 0.57 | 0.97 | 1.01 | 0.82 | 0.95 | 0.63 | 0.80 | 0.60 |
| MAX | 1.20 | 1.48 | 1.73 | 1.23 | 1.35 | 1.65 | 1.44 | 1.10 | 1.31 | 1.10 | 1.44 | 1.34 |
| MIN | -0.57 | -0.53 | 0.03 | -0.53 | 0.00 | 0.45 | 0.53 | 0.58 | 0.39 | 0.14 | 0.28 | -0.82 |
| DAYS | 21 | 27 | 31 | 27 | 31 | 30 | 31 | 31 | 30 | 30 | 30 | 29 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 348
THE MEAN STAGE FOR THE YEAR WAS 0.67.
HIGHEST STAGE WAS 2.30 AT 10.00 P. M. ON MAR 23.
LOWEST STAGE WAS MINUS 0.90 ON DEC 29.

DAILY STAGE FOR 1987

BAYOU LAFOURCHE AT GOLDEN MEADOW FLOODGATE (SOUTH) (LA.)

LOCATION. LAT. 29-20-30, LONG. 90-14-44. APPROXIMATELY TWO MILES SOUTH OF GOLDEN MEADOW LA. ON THE DOWNSTREAM SIDE OF FLOODGATE. (STA. 8226007.)

GAGE. AUTOMATIC RECORDER.

RECORDS AVAILABLE. JUNE 13, 1986 TO DATE.

EXTREMES.

DAILY EIGHT A. M. STAGES IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | | 0.66 | 0.98 | 0.22 | 0.20 | | | 0.86 | 1.17 | | 0.79 | 0.26 |
| 2 | | 0.75 | 0.40 | 0.27 | 0.39 | | | 0.90 | 1.34 | 1.21 | 0.50 | 0.33 |
| 3 | | 0.36 | 0.56 | -0.47 | 0.65 | | | 1.00 | 1.32 | 0.80 | 0.59 | 0.32 |
| 4 | | 0.44 | 0.05 | -0.25 | 0.72 | | | 1.08 | 1.16 | 0.52 | 0.73 | 0.38 |
| 5 | | 0.40 | 0.00 | -0.56 | 0.41 | | | 1.16 | 1.31 | 0.65 | 1.03 | 0.33 |
| 6 | | 0.71 | 0.10 | -0.41 | 0.29 | | | 1.14 | 1.23 | 0.42 | 0.79 | 0.65 |
| 7 | | 0.13 | 0.33 | -0.25 | 0.11 | | | 1.06 | 1.08 | 0.36 | 1.02 | 1.35 |
| 8 | | -0.13 | 0.73 | -0.07 | 0.11 | | | 1.01 | 0.93 | 0.34 | 1.22 | 1.39 |
| 9 | | -0.50 | 0.33 | -0.22 | 0.30 | | | 1.00 | 0.52 | 0.58 | 1.49 | 1.25 |
| 10 | 0.01 | -0.47 | 0.29 | -0.03 | 0.58 | | | 1.06 | 0.62 | 0.64 | 1.22 | 1.08 |
| 11 | -0.45 | -0.16 | 0.22 | 0.35 | 0.85 | | 1.04 | 0.85 | 0.95 | 0.81 | 0.45 | 0.84 |
| 12 | -0.56 | 0.03 | 0.12 | 0.67 | 0.83 | 1.36 | 0.95 | 0.68 | 1.00 | 0.57 | 0.52 | 0.95 |
| 13 | -0.20 | -0.01 | 0.15 | 1.10 | 0.78 | | 0.82 | 0.62 | 1.04 | 0.59 | 0.48 | 0.89 |
| 14 | 0.00 | 0.30 | 0.39 | 1.22 | 0.65 | | 0.63 | 0.66 | 1.04 | 0.83 | 0.74 | 1.12 |
| 15 | 0.47 | 0.80 | 0.76 | 0.72 | 0.39 | | 0.52 | 0.76 | 0.97 | 0.89 | 1.00 | 1.03 |
| 16 | 0.75 | 1.02 | 0.98 | 0.47 | 0.23 | | 0.65 | 0.90 | 1.13 | 0.97 | 1.34 | 0.00 |
| 17 | 0.77 | 0.38 | 1.36 | 0.43 | 0.18 | | 0.77 | 0.87 | 1.25 | 0.81 | 1.20 | -0.04 |
| 18 | 1.19 | -0.10 | 1.65 | 0.31 | 0.11 | | 0.93 | 0.83 | 1.16 | 0.71 | 0.84 | 0.00 |
| 19 | 0.53 | -0.29 | 1.46 | 0.04 | 0.14 | | 1.14 | 0.77 | 1.16 | | 0.89 | 0.13 |
| 20 | 0.12 | 0.03 | 1.14 | -0.30 | 0.29 | | 1.44 | 0.73 | 1.00 | | 0.53 | 0.73 |
| 21 | 0.15 | 0.31 | 0.99 | -0.16 | 0.62 | | 1.44 | 0.72 | 0.94 | | 0.41 | 0.77 |
| 22 | 0.28 | 0.50 | 0.85 | -0.38 | 0.61 | | 1.36 | 0.69 | 0.84 | | 0.59 | 0.92 |
| 23 | -0.61 | -0.39 | 1.23 | | 0.76 | | 1.37 | 0.72 | 0.65 | | 0.87 | 0.89 |
| 24 | -0.50 | 0.16 | 1.77 | -0.01 | | | 1.33 | 0.86 | 0.82 | | 1.12 | 1.09 |
| 25 | 0.12 | 0.43 | 1.28 | 0.18 | | | 1.17 | 0.91 | 0.94 | | 1.34 | 1.19 |
| 26 | -0.54 | 0.94 | 1.28 | 0.16 | | | 1.03 | 0.96 | 1.01 | | 1.43 | 1.16 |
| 27 | -0.49 | 1.15 | 1.38 | 0.39 | | | 0.93 | 0.85 | 1.17 | | 1.42 | 0.91 |
| 28 | -0.25 | 1.51 | 1.40 | 0.34 | | | 0.86 | 0.84 | 1.22 | | 1.08 | 0.23 |
| 29 | 0.10 | ----- | 1.41 | 0.29 | | | 0.81 | 0.79 | 1.22 | | 0.67 | -0.69 |
| 30 | 0.51 | ----- | 0.96 | 0.36 | | | 0.84 | 0.98 | 1.10 | | 0.54 | -0.39 |
| 31 | 0.24 | ----- | 0.21 | ----- | | ----- | 0.80 | 1.05 | ----- | 0.84 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|
| MEAN | 0.07 | 0.32 | 0.80 | 0.15 | 0.44 | 1.36 | 0.99 | 0.88 | 1.04 | 0.70 | 0.89 | 0.64 |
| MAX | 1.19 | 1.51 | 1.77 | 1.22 | 0.85 | 1.36 | 1.44 | 1.16 | 1.34 | 1.21 | 1.49 | 1.39 |
| MIN | -0.61 | -0.50 | 0.00 | -0.56 | 0.11 | 1.36 | 0.52 | 0.62 | 0.52 | 0.34 | 0.41 | -0.69 |
| DAYS | 22 | 28 | 31 | 29 | 23 | 1 | 21 | 31 | 30 | 18 | 30 | 30 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 294

THE MEAN STAGE FOR THE YEAR WAS 0.64.

HIGHEST STAGE WAS 2.30 AT 10:00 P. M. ON MAR 23 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 0.90 ON JAN 12.

DAILY STAGE FOR 1987

BAYOU BLUE NEAR CATFISH LAKE (LA.)

LOCATION. LAT. 29-23-31. LONG. 90-20-49. APPROXIMATELY 1.5 MILES NORTHWEST OF CATFISH LAKE. (STA. 8230107.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. PRIOR TO 1976 GAGE REPORTED AS (STA. 8230007).

RECORDS AVAILABLE. SEP. 17, 1975 TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 3.75 FEET (CAUSED BY HURRICANE BABE) ON SEP. 6, 1977.
LOWEST, (FROM INCOMPLETE RECORD) MINUS 0.59 FOOT ON DEC. 25, 1983.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-----|-------|------|-------|------|-------|------|------|-------|------|------|
| 1 | 1.59 | | 1.97 | 1.04 | 0.97 | 1.55 | 1.64 | 1.59 | 1.60 | 1.57 | 1.40 | 1.42 |
| 2 | 1.57 | | 1.20 | 1.11 | 1.13 | 1.50 | 1.75 | 1.64 | 1.70 | 1.70 | 1.17 | 1.34 |
| 3 | 1.69 | | 1.18 | 0.52 | 1.32 | 1.44 | 1.84 | 1.69 | 1.72 | 1.40 | 1.29 | 1.32 |
| 4 | 1.67 | | 0.53 | 0.40 | 1.38 | 1.47 | 1.77 | 1.70 | 1.67 | 0.99 | 1.25 | 1.40 |
| 5 | | | 0.50 | 0.20 | 1.25 | 1.17 | 1.77 | 1.73 | 1.74 | 1.25 | 1.65 | 1.23 |
| 6 | | | 0.66 | 0.40 | 1.14 | 1.28 | 1.80 | 1.74 | 1.83 | 1.27 | 1.34 | 1.45 |
| 7 | | | 0.36 | 0.66 | 1.03 | 1.63 | 1.96 | 1.64 | 1.85 | 1.20 | 1.60 | 1.92 |
| 8 | | | 1.28 | 0.87 | 1.03 | 1.88 | 2.02 | 1.60 | 1.77 | 1.17 | 1.83 | 2.04 |
| 9 | | | 1.30 | 0.80 | 0.98 | 2.06 | 1.88 | 1.58 | 1.53 | 1.30 | 2.12 | 2.04 |
| 10 | | | 1.25 | 0.90 | 1.32 | 2.01 | 1.81 | 1.80 | 1.51 | 1.31 | 2.10 | 1.90 |
| 11 | | F | 0.52 | 0.90 | 1.53 | 2.02 | 1.75 | 1.81 | 1.77 | 1.42 | 1.24 | 1.70 |
| 12 | | | 0.93 | 0.83 | 1.45 | 1.50 | 1.74 | 1.71 | 1.78 | 1.10 | 1.20 | 1.79 |
| 13 | | | 0.94 | 0.88 | 1.75 | 1.47 | 1.99 | 1.57 | 1.84 | 1.13 | 1.15 | 1.50 |
| 14 | | | 1.10 | 1.14 | 1.88 | 1.38 | 2.01 | 1.55 | 1.54 | 1.75 | 1.34 | 1.79 |
| 15 | | | 1.44 | 1.42 | 1.59 | 1.20 | 1.90 | 1.43 | 1.53 | 1.67 | 1.57 | 2.09 |
| 16 | | | 1.75 | 1.56 | 1.45 | 1.03 | 1.86 | 1.43 | 1.55 | 1.74 | 1.94 | 1.18 |
| 17 | | | 1.13 | 1.82 | 1.14 | 0.95 | 1.80 | 1.55 | 1.52 | 1.85 | 1.44 | 0.94 |
| 18 | | | 0.76 | 2.20 | 1.15 | 1.05 | 1.85 | 1.46 | 1.85 | 1.40 | 1.66 | 0.96 |
| 19 | | | 0.16 | 2.13 | 1.00 | 1.04 | 1.68 | 1.57 | 1.40 | 1.90 | 1.39 | 1.05 |
| 20 | | | 0.48 | 1.85 | 0.85 | 1.15 | 1.83 | 1.69 | 1.31 | 1.70 | 1.45 | 1.56 |
| 21 | | | 0.83 | 1.81 | 0.90 | 1.31 | 1.86 | 1.80 | 1.28 | 1.59 | 1.07 | 1.59 |
| 22 | | | 1.24 | 1.65 | 0.84 | 1.36 | 1.86 | 1.90 | 1.24 | 1.52 | 0.98 | 1.65 |
| 23 | | | 0.72 | 1.83 | 0.85 | 1.43 | 1.84 | 1.93 | 1.25 | 1.27 | 1.30 | 1.67 |
| 24 | | | 0.86 | 2.39 | 0.92 | 1.60 | 1.80 | 1.93 | 1.34 | 1.53 | 1.47 | 1.75 |
| 25 | | | 0.97 | 2.18 | 0.73 | 1.63 | 1.77 | 1.84 | 1.45 | 1.69 | 1.60 | 1.83 |
| 26 | | | 1.37 | 2.07 | 0.72 | 1.70 | 1.74 | 1.74 | 1.57 | 1.79 | 1.76 | 1.85 |
| 27 | | | 1.80 | 2.05 | 0.97 | 1.77 | 1.36 | 1.60 | 1.59 | 1.90 | 1.65 | 1.65 |
| 28 | | | 2.13 | 2.11 | 1.00 | 1.82 | 1.30 | 1.60 | 1.58 | 1.92 | 1.46 | 1.38 |
| 29 | | | ----- | 2.08 | 0.73 | 1.83 | 1.45 | 1.61 | 1.45 | 1.94 | 1.55 | 0.77 |
| 30 | | | ----- | 1.75 | 0.90 | 1.75 | 1.58 | 1.60 | 1.54 | 1.73 | 1.53 | 0.54 |
| 31 | | | ----- | 1.08 | ----- | 1.67 | ----- | 1.57 | 1.63 | ----- | 1.46 | 0.95 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.63 | 1.06 | 1.48 | 0.96 | 1.35 | 1.72 | 1.72 | 1.55 | 1.72 | 1.37 | 1.57 | 1.49 |
| MAX | 1.69 | 2.13 | 2.39 | 1.88 | 1.83 | 2.06 | 2.02 | 1.81 | 1.94 | 1.74 | 2.12 | 2.09 |
| MIN | 1.57 | 0.16 | 0.36 | 0.20 | 0.95 | 1.17 | 1.43 | 1.24 | 1.27 | 0.98 | 1.15 | 0.54 |
| DAYS | 4 | 18 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 328

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.47.

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 2.49 AT 7:30 A.M. ON MAR 23 AND LATER DATE(S).

LOWEST STAGE WAS 0.15 ON APR 5.

DAILY STAGE FOR 1987

BAYOU LAFOURCHE AT LEEVILLE, LA.

LOCATION. LAT. 29-14-52. LONG. 90-12-32. ON RUNWAY LEADING TO HOUSE, NORTHEAST OF HIGHWAY 1
BRIDGE. (STA. 8235007.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON OCT. 23, 1974 GAGE WAS RAISED 0.3 FOOT TO AGREE WITH NEW BENCHMARK
ELEVATIONS. STAGES FROM JAN. 1 THRU OCT. 22 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. NOV. 4, 1955. TO DATE. ADD 0.4 TO DAILY STAGES PRIOR TO 1956.

EXTREMES. HIGHEST, 6.62 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 1.44 FEET ON
FEB. 27, 1965.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|--------|--------|-------|------|------|--------|------|--------|------|
| 1 | 1.45 | 1.34 | 1.72 | 1.20 | 1.14 F | 1.43 | 1.74 | 1.66 | 2.00 | 1.90 | 1.51 | 0.84 |
| 2 | 1.23 | 1.53 | 1.10 | 1.19 | 1.31 | 1.60 | 1.84 | 1.70 | 2.30 | 2.23 | 1.24 | 0.82 |
| 3 | 1.58 | 1.25 | 1.33 | 0.29 | 1.47 F | 1.45 | 1.80 | 1.88 | 2.35 | 1.33 | 1.27 | |
| 4 | 1.53 | 1.34 | 0.85 | 0.62 | 1.55 | 1.53 | 1.78 | 2.07 | 2.26 | 1.41 | 1.40 | |
| 5 | 1.46 | 0.72 | 0.85 | 0.16 | 1.25 | 1.25 | 1.78 | 2.16 | 2.44 | 1.50 | 1.45 | |
| 6 | 1.16 | 1.11 | 0.90 | 0.45 | 1.24 | 1.48 | 2.15 | 2.16 | 2.30 | 1.23 | 0.97 | |
| 7 | 0.77 | 0.85 | 0.93 | 0.54 | 1.07 | 2.00 | 2.32 | 2.06 | 2.02 | 0.90 | 1.49 | |
| 8 | 0.67 | 0.55 | 1.52 | 0.59 | 0.94 | 2.47 | 2.42 | 1.96 | 1.75 | 0.71 | 1.69 | |
| 9 | 0.90 | -0.04 | 1.25 | 0.45 | 1.22 | 2.60 | 2.30 | 1.87 | 1.23 | 0.95 | 2.12 | |
| 10 | 0.56 | 0.10 | 0.77 | 0.71 | 1.47 F | 2.43 | 2.23 | 1.92 | 1.16 | 1.00 | 1.97 | |
| 11 | 0.05 | 0.32 | 0.65 | 1.06 | 1.84 | 2.50 | 2.15 | 1.70 | 1.58 | 1.28 | 1.13 | |
| 12 | -0.06 | 0.55 | 0.65 | 1.30 | 1.85 | 2.44 | 2.03 | 1.52 | 1.60 | 1.13 | 1.20 | |
| 13 | 0.33 | 0.55 | 0.73 | 1.71 | 1.85 | 2.22 | 1.87 | 1.40 | 1.66 | 1.21 | 1.14 | |
| 14 | 0.43 | 0.93 | 0.99 | 1.81 | 1.70 | 2.07 | 1.57 | 1.42 | 1.78 | 1.47 | 1.57 | |
| 15 | 0.90 | 1.24 | 1.31 | 1.52 | 1.43 | 1.86 | 1.46 | 1.50 | 1.76 | 1.65 | 1.78 | |
| 16 | 1.10 | 1.65 | 1.55 | 1.43 | 1.25 | 1.67 | 1.55 | 1.72 | 2.10 | 1.80 | 2.10 | |
| 17 | 1.13 | 1.09 | 2.06 | 1.43 | 1.18 | 1.63 | 1.51 | 1.67 | 2.28 | 1.60 | 1.75 | |
| 18 | 1.70 | 0.85 | 2.40 | 1.25 | 1.10 | 1.80 | 1.72 | 1.77 | 2.14 | 1.56 | 1.16 | |
| 19 | 1.23 | 0.60 | 2.40 | 0.99 | 1.10 | 1.73 | 2.00 | 1.72 | 2.13 | 1.50 | 1.22 | |
| 20 | 0.77 | 0.95 | 1.99 | 0.74 | 1.19 | 1.99 | 2.42 | 1.73 | 1.87 | 1.48 | 0.90 | |
| 21 | 0.87 | 1.19 | 1.82 | 0.68 | 1.44 | 2.13 | 2.48 | 1.75 | 1.81 | 0.40 | 0.67 | |
| 22 | 1.16 | 1.47 | 1.60 | 0.34 | 1.35 | 2.26 | 2.40 | 1.65 | 1.58 | 0.96 | 1.00 | |
| 23 | 0.30 | 0.10 | 1.65 | 0.54 F | 1.42 | 2.30 | 2.42 | 1.67 | 1.29 | 1.10 | 1.35 | |
| 24 | 0.28 | 0.60 | 1.92 | 0.83 F | 1.42 | 2.20 | 2.33 | 1.76 | 1.42 | 1.20 | 1.67 | |
| 25 | 0.72 | 0.64 | 1.48 | 1.08 F | 1.44 | 2.05 | 2.15 | 1.81 | 1.43 | 1.30 | 1.96 | |
| 26 | 0.05 | 1.33 | 1.63 | 1.03 F | 1.44 | 1.94 | 1.98 | 1.72 | 1.48 | 1.55 | 2.21 | |
| 27 | -0.05 | 1.55 | 1.83 | 1.30 F | 1.72 | 1.66 | 1.83 | 1.57 | 1.67 | 1.45 | 2.15 | |
| 28 | 0.19 | 1.90 | 2.08 | 1.35 | 2.26 | 1.72 | 1.82 | 1.57 | 1.75 | 1.47 | 1.90 | |
| 29 | 0.60 | ----- | 2.04 | 1.20 | 2.12 | 1.91 | 1.76 | 1.37 | 1.85 F | 1.36 | 1.45 | |
| 30 | 1.04 | ----- | 1.97 | 1.26 | 1.93 | 1.80 | 1.72 | 1.62 | 1.73 | 1.65 | 1.29 F | 0.18 |
| 31 | 0.74 | ----- | 1.22 | ----- | 1.85 | ----- | 1.53 | 1.83 | ----- | 1.70 | ----- | 0.44 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 0.80 | 0.94 | 1.46 | 0.97 | 1.47 | 1.94 | 1.97 | 1.74 | 1.82 | 1.35 | 1.49 | 0.57 |
| MAX | 1.70 | 1.90 | 2.40 | 1.81 | 2.26 | 2.60 | 2.48 | 2.16 | 2.44 | 2.23 | 2.21 | 0.84 |
| MIN | -0.06 | -0.04 | 0.65 | 0.16 | 0.94 | 1.25 | 1.46 | 1.37 | 1.16 | 0.40 | 0.67 | 0.18 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 4 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 338

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.44.

HIGHEST STAGE WAS 3.35 AT 12:30 A.M. ON MAR 24.

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS MINUS 0.21 ON JAN. 27.

DAILY STAGE FOR 1987

BAYOU CHEVREUIL NEAR CHEGBY, LA.

LOCATION. LAT. 29-54-42. LONG. 90-43-48. ON PILING IN BORROW PIT, 300 FEET NORTH OF HIGHWAY 20 BRIDGE AND 5.5 MILES NORTHEAST OF CHEGBY. (STA. 8252507.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. DISREGARD GAGE ZERO REPORTED PRIOR TO 1969. GAGE ZERO WAS MINUS 0.60 FOOT NGVD FROM 1951 TO 1975. ON NOV. 10, 1976 GAGE WAS RAISED 0.60 FOOT TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 TO NOV. 10 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS MINUS 0.60 FEET, NGVD.

RECORDS AVAILABLE. JULY 11, 1951, TO DATE.

EXTREMES. HIGHEST, 4.35 FEET ON APR. 14 AND LATER DATES IN 1980. LOWEST, MINUS 1.00 FOOT ON JAN. 14, 1956. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1961 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 2.00 | 2.13 | 2.47 | 2.53 | 0.90 | 2.13 | 3.06 | 2.06 | 1.63 | 1.31 | 1.26 | 1.03 |
| 2 | 1.86 | 2.14 | 2.49 | 2.45 | 1.03 | 2.10 | 3.20 | 1.91 | 1.45 | 1.20 | 1.23 | 0.96 |
| 3 | 1.84 | 2.04 | 2.49 | 2.40 | 1.24 | 2.06 | 3.19 | 1.79 | 1.38 | 1.28 | 1.24 | 1.05 |
| 4 | 2.10 | 1.98 | 2.47 | 2.30 | 1.50 | 2.10 | 3.13 | 1.74 | 1.38 | 1.08 | 1.26 | 1.00 |
| 5 | 2.06 | 1.96 | 2.44 | 2.18 | 1.94 | 2.05 | 3.05 | 1.73 | 1.45 | 0.94 | 1.17 | 1.04 |
| 6 | 1.95 | 1.97 | 2.38 | 2.08 | 1.95 | 1.96 | 2.98 | 1.74 | 1.53 | 1.05 | 1.21 | 1.10 |
| 7 | 1.88 | 2.04 | 2.36 | 1.92 | 1.94 | 1.87 | 2.96 | 2.10 | 1.62 | 1.03 | 1.19 | 1.45 |
| 8 | 1.80 | 1.94 | 2.35 | 1.80 | 1.85 | 2.03 | 2.94 | 2.12 | 1.57 | 1.01 | 1.40 | 1.64 |
| 9 | 1.75 | 1.78 | 2.33 | 1.68 | 1.83 | 2.09 | 2.97 | 2.14 | 1.46 | 1.04 | 1.67 | 1.63 |
| 10 | 1.76 | 1.57 | | 1.57 | 1.95 | 2.13 | 2.93 | 2.25 | 1.35 | 1.16 | 1.56 | 1.55 |
| 11 | 1.58 | 1.43 | | 1.50 | 1.96 | 2.17 | 2.86 | 2.26 | 1.34 | 1.12 | 1.25 | 1.43 |
| 12 | 1.38 | 1.42 | | 1.55 | 1.95 | 2.25 | 2.80 | 2.26 | 1.46 | 1.00 | 0.97 | 1.38 |
| 13 | 1.20 | 1.37 | | 1.75 | 2.08 | 2.30 | 2.73 | 2.22 | 1.48 | 0.71 | 0.83 | 1.48 |
| 14 | 1.17 | 1.30 F | 1.95 | 2.23 | 2.04 | 2.74 | 2.65 | 2.13 | 1.40 | 0.63 | 0.88 | 1.67 |
| 15 | 1.74 | 1.42 | 1.94 | 2.25 | 1.98 | 2.84 | 2.59 | 1.98 | 1.37 | 0.84 | 1.14 | 1.65 |
| 16 | 1.78 | 1.77 | 1.98 | 2.15 | 1.88 | 2.84 | 2.51 | 1.87 | 1.37 | 1.02 | 1.55 | 1.38 |
| 17 | 2.05 | 1.80 | 2.04 | 2.00 | 1.78 | 2.83 | 2.44 | 1.76 | 1.57 | 1.12 | 2.00 | 1.13 |
| 18 | 2.21 | 1.59 | 2.27 | 1.89 | 1.70 | 2.90 | 2.38 | 1.64 | 1.68 | 1.08 | 1.90 | 0.95 |
| 19 | 2.24 | 1.40 | 2.29 | 1.82 | 1.74 | 3.03 | 2.32 | 1.52 | 1.70 | 1.12 | 1.78 | 0.97 |
| 20 | 2.19 | 1.27 | 2.30 | 1.73 | 1.72 | 3.02 | 2.28 | 1.44 | 1.72 | 1.24 | 1.54 | 1.15 |
| 21 | 2.15 | 1.39 | 2.28 | 1.63 | 1.73 | 3.09 | 2.26 | 1.38 | 1.63 | 1.32 | 1.33 | 1.27 |
| 22 | 2.44 | 1.87 | 2.28 | 1.45 | 1.74 | 3.12 | 2.39 | 1.34 | 1.62 | 1.07 | 1.21 | 1.67 |
| 23 | 2.45 | 1.88 | 2.29 | 1.34 | 1.70 | 3.07 | 2.38 | 1.35 | 1.50 | 1.12 | 1.27 | 1.55 |
| 24 | 2.43 | 1.91 | 2.54 | 1.15 | 1.73 | 3.02 | 2.36 | 1.36 | 1.36 | 1.33 | 1.37 | 1.62 |
| 25 | 2.47 | 1.95 | 2.54 | 1.03 | 1.83 | 3.05 | 2.34 | 1.43 | 1.38 | 1.40 | 1.51 | 1.74 |
| 26 | 2.46 | 2.03 | 2.53 | 0.84 | 2.04 | 3.00 | 2.34 | 1.53 | 1.44 | 1.40 | 1.60 | 1.83 |
| 27 | 2.41 | 2.24 | 2.50 | 0.78 | 2.10 | 3.06 | 2.29 | 1.63 | 1.51 | 1.44 | 1.66 | 1.82 |
| 28 | 2.35 | 2.43 | 2.48 | 0.76 | 2.15 | 3.02 | 2.25 | 1.54 | 1.59 | 1.22 | 1.62 | 1.63 |
| 29 | 2.30 | ----- | 2.45 | 0.72 | 2.16 | 2.93 | 2.18 | 1.41 | 1.60 | 1.04 | 1.34 | 1.24 |
| 30 | 2.24 | ----- | 2.63 | 0.80 | 2.17 | 2.94 | 2.13 | 1.37 | 1.57 | 1.15 | 1.17 | 0.97 |
| 31 | 2.19 | ----- | 2.61 | ----- | 2.15 | ----- | 2.12 | 1.57 | ----- | 1.22 | ----- | 0.81 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.01 | 1.79 | 2.36 | 1.68 | 1.82 | 2.59 | 2.61 | 1.76 | 1.50 | 1.12 | 1.37 | 1.35 |
| MAX | 2.47 | 2.43 | 2.63 | 2.53 | 2.17 | 3.12 | 3.20 | 2.26 | 1.72 | 1.44 | 2.00 | 1.83 |
| MIN | 1.17 | 1.27 | 1.94 | 0.72 | 0.90 | 1.87 | 2.12 | 1.34 | 1.34 | 0.63 | 0.83 | 0.81 |
| DAYS | 31 | 28 | 27 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 361

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.83.

HIGHEST STAGE WAS 3.21 AT 9:00 A.M. ON JUL. 2.

LOWEST STAGE WAS 0.62 ON OCT 14.

DAILY STAGE FOR 1987

BAYOU DES ALLEMANDS AT DES ALLEMANDS, LA.

LOCATION. LAT. 29-49-26, LONG. 90-28-36. ON BULKHEAD 100 FEET UPSTREAM FROM U. S. HIGHWAY 90 BRIDGE. (STA. 8270007.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON SEP. 30, 1976 GAGE WAS RAISED 0.56 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU SEP. 30 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. JAN. 18, 1950, TO DATE.

EXTREMES. HIGHEST, 3.92 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 0.30 FOOT FROM JAN. 13 TO 15, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1969 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|---------|------|-------|------|-------|------|------|--------|--------|-------|------|
| 1 | 1.19 | 1.10 | 1.81 | 1.68 | 0.82 | 1.80 | 1.91 | 1.32 | 1.14 | 1.09 | 1.11 | 1.00 |
| 2 | 1.10 | 1.36 | 1.63 | 1.64 | 0.98 | 1.74 | 2.01 | 1.20 | 1.12 | 1.04 | 1.08 | 0.98 |
| 3 | 1.18 | 1.25 | 1.48 | 1.55 | 1.22 | 1.70 | 2.00 | 1.15 | 1.18 | 1.14 | 1.12 | 1.03 |
| 4 | 1.45 | 1.20 F | 1.18 | 1.28 | 1.50 | 1.74 | 1.92 | 1.18 | 1.22 | 0.84 | 1.18 | 1.00 |
| 5 | 1.18 | 1.40 | 1.12 | 1.12 | 1.58 | 1.64 | 1.84 | 1.22 | 1.31 | 0.80 | 1.15 | 0.98 |
| 6 | 1.12 | 1.46 | 1.16 | 1.02 | 1.48 | 1.48 | 1.84 | 1.31 | 1.38 | 0.98 | 1.16 | 1.02 |
| 7 | 1.08 | 1.28 | 1.30 | 0.98 | 1.42 | 1.52 | 1.87 | 1.48 | 1.47 | 0.98 | 1.11 | 1.38 |
| 8 | 1.12 | 1.02 | 1.24 | 0.98 | 1.30 | 1.80 | 1.92 | 1.49 | 1.43 | 0.90 | 1.36 | 1.63 |
| 9 | 1.18 | 0.90 | 1.14 | 0.95 | 1.20 | 1.98 | 1.92 | 1.58 | 1.34 | 0.98 | 1.62 | 1.58 |
| 10 | 1.14 | 0.80 | 1.24 | 0.89 | 1.32 | 2.00 | 1.90 | 1.67 | 1.23 | 1.08 | 1.50 | 1.49 |
| 11 | 0.83 | 0.82 | 1.21 | 0.96 | 1.40 | 2.10 | 1.88 | 1.77 | 1.24 | 0.99 | 1.11 | 1.38 |
| 12 | 0.58 | 0.90 | 0.96 | 1.19 | 1.40 | 2.18 | 1.84 | 1.64 | 1.33 | 0.85 | 0.80 | 1.37 |
| 13 | 0.55 | 0.85 | 0.94 | 1.54 | 1.43 | 2.15 | 1.80 | 1.47 | 1.37 | 0.57 | 0.73 | 1.40 |
| 14 | 0.67 | 0.88 | 0.92 | 1.88 | 1.40 | 2.22 | 1.70 | 1.30 | 1.24 | 0.53 | 0.80 | 1.60 |
| 15 | 0.95 | 1.09 | 1.15 | 1.72 | 1.45 | 2.22 | 1.59 | 1.19 | 1.20 | 0.75 | 1.02 | 1.72 |
| 16 | 1.20 | 1.50 | 1.42 | 1.48 | 1.28 | 2.15 | 1.48 | 1.10 | 1.22 | 0.94 F | 1.45 | 1.33 |
| 17 | 1.48 | 1.32 | 1.75 | 1.22 | 1.16 | 2.10 | 1.47 | 1.08 | 1.43 | 1.00 | 1.85 | 1.00 |
| 18 | 1.68 | 1.09 | 2.04 | 1.18 | 1.25 | 2.08 | 1.47 | 0.99 | 1.49 | 0.97 | 1.63 | 0.89 |
| 19 | 1.58 | 0.86 | 2.05 | 1.12 | 1.26 | 2.10 | 1.49 | 0.95 | 1.51 | 1.00 | 1.58 | 0.90 |
| 20 | 1.35 | 0.84 | 2.00 | 1.18 | 1.32 | 2.00 | 1.63 | 0.87 | 1.50 | 1.17 | 1.31 | 1.10 |
| 21 | 1.18 | 1.03 | 2.00 | 1.12 | 1.38 | 2.00 | 1.73 | 0.94 | 1.42 | 1.21 | 1.14 | 1.20 |
| 22 | 1.26 | 1.41 | 1.98 | 0.98 | 1.40 | 2.00 | 1.84 | 0.93 | 1.42 | 0.87 | 1.08 | 1.32 |
| 23 | 1.06 | 1.17 | 2.08 | 0.88 | 1.28 | 1.98 | 1.86 | 1.01 | 1.33 | 1.02 | 1.19 | 1.28 |
| 24 | 1.18 | 1.30 | 2.42 | 0.70 | 1.38 | 1.92 | 1.88 | 1.12 | 1.23 | 1.21 | 1.23 | 1.41 |
| 25 | 1.40 | 1.40 | 2.32 | 0.52 | 1.48 | 1.85 | 1.87 | 1.20 | 1.28 | 1.30 | 1.40 | 1.61 |
| 26 | 1.22 | 1.58 | 2.20 | 0.42 | 1.65 | 1.85 | 1.85 | 1.38 | 1.34 | | 1.51 | 1.70 |
| 27 | F 1.00 | F 1.75 | 2.20 | 0.50 | 1.82 | 1.80 | 1.78 | 1.43 | 1.40 F | 1.30 | 1.58 | 1.69 |
| 28 | F 0.98 | 1.87 | 2.10 | 0.60 | 1.92 | 1.68 | 1.69 | 1.34 | 1.46 | 1.02 | 1.55 | 1.51 |
| 29 | 1.02 | ----- | 2.16 | 0.60 | 1.92 | 1.70 | 1.62 | 1.25 | 1.49 | 0.90 | 1.19 | 1.01 |
| 30 | 1.15 | ----- F | 2.18 | 0.72 | 1.90 | 1.80 | 1.49 | 1.10 | 1.39 | 1.01 | 1.10 | 0.74 |
| 31 | 1.10 | ----- | 1.90 | ----- | 1.88 | ----- | 1.45 | 1.20 | ----- | 1.08 | ----- | 0.70 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.13 | 1.19 | 1.65 | 1.09 | 1.43 | 1.91 | 1.76 | 1.25 | 1.34 | 0.98 | 1.25 | 1.26 |
| MAX | 1.68 | 1.87 | 2.42 | 1.88 | 1.92 | 2.22 | 2.01 | 1.77 | 1.51 | 1.30 | 1.85 | 1.72 |
| MIN | 0.55 | 0.80 | 0.92 | 0.42 | 0.82 | 1.48 | 1.45 | 0.87 | 1.12 | 0.53 | 0.73 | 0.70 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 30 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.36.

HIGHEST STAGE WAS 2.54 AT 10:30 P.M. ON MAR 23.

LOWEST STAGE WAS 0.40 APR 26.

DAILY STAGE FOR 1987

BAYOU BARATARIA AT BARATARIA, LA.

LOCATION. LAT. 29-44-29, LONG. 90-07-56. ON TEXAS OIL CO. WHARF AT JUNCTION WITH BAYOU VILLARS.
(STA. 8275007.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON DEC. 3, 1981 GAGE RESET TO NGVD. STAGES FROM JAN. 1 THRU DEC. 3, 1981
WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. JAN. 6, TO SEP. 26, 1950, AND NOV. 2, 1951, TO DATE.

EXTREMES. HIGHEST, 4.25 FEET (CAUSED BY HURRICANE) OCT. 29, 1985. LOWEST, MINUS 0.58 FOOT ON
(CAUSED BY HURRICANE) ON SEP. 9, 1965. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|------|--------|--------|--------|------|-------|------|--------|--------|------|--------|------|
| 1 | 1.00 | 0.82 | 1.60 | 1.00 F | 0.76 | 1.55 | 1.60 | 1.13 | 1.00 | 0.86 | 0.99 | 0.97 |
| 2 | 1.00 | 1.10 | 1.15 | 1.15 | 0.80 | 1.50 | 1.60 | 1.07 | 1.03 | 1.00 | 0.89 | 0.85 |
| 3 | 0.95 | 0.85 | 0.90 | 0.98 | 1.20 | 1.45 | 1.60 | 1.08 | 1.27 | | 0.99 | 0.98 |
| 4 | 1.20 | 0.88 | 0.70 | | 1.28 | 1.50 | 1.50 | 1.08 | 1.18 | | 0.98 | 0.99 |
| 5 F | 0.75 | 0.80 F | 0.72 | | 1.30 | 1.25 | 1.40 | 1.14 F | 1.30 | 0.71 | 1.19 | 0.80 |
| 6 | 0.80 | 0.90 | 0.70 F | 0.80 | 1.20 | 1.10 | 1.50 | 1.15 | 1.40 | 0.85 | 0.89 | 0.95 |
| 7 | 0.78 | 0.88 | 0.75 F | 0.78 | 1.15 | 1.32 | 1.65 | 1.18 F | 1.45 | 0.78 | 1.07 | 1.30 |
| 8 | 0.70 | 0.75 | 1.10 F | 0.78 | 1.05 | 1.60 | 1.70 | 1.20 F | 1.30 | | 1.25 | 1.60 |
| 9 | 0.85 | | 1.02 F | 0.75 | 0.80 | 1.80 | 1.60 | 1.27 | 1.35 | | 1.49 | 1.53 |
| 10 | 0.90 | | 0.98 F | 0.76 | 1.15 | 1.80 | 1.55 | 1.49 | 1.17 F | 0.53 | 1.51 | 1.48 |
| 11 F | 0.70 | 0.65 | 0.77 | 0.78 | 1.20 | 2.20 | 1.55 | 1.55 | 1.28 | 0.79 | 0.80 | 1.30 |
| 12 | | | | 1.12 | 1.15 | 2.00 | 1.53 | 1.38 | 1.30 | | 0.65 | 1.30 |
| 13 | | F | 0.60 | 1.40 | 1.20 | 2.00 | 1.52 | 1.15 | 1.33 | | 0.66 | 1.18 |
| 14 | 0.65 | 0.73 | 0.78 | 1.70 | 1.15 | 2.00 | 1.40 | 1.05 | 1.20 | 0.40 | 0.70 | 1.50 |
| 15 | 0.83 | 0.88 | 1.00 | 1.52 | 1.13 | 1.90 | 1.24 | 1.03 | 1.15 | | 0.95 | 1.75 |
| 16 | 1.05 | 1.45 | 1.25 | 1.12 | 0.90 | 1.80 | 1.13 | 0.99 | 1.25 | | 1.40 | 0.97 |
| 17 | 1.10 | 1.00 | 1.45 | 0.85 | 0.90 | 1.75 | 1.23 | 0.97 | 1.38 | | 1.77 | |
| 18 | 1.50 | 0.70 | 1.95 | 0.90 | 1.00 | 1.80 | 1.20 | 0.87 | 1.38 | | 1.28 | |
| 19 | 1.35 | | 1.88 | 0.90 | 1.05 | 1.70 | 1.32 | 0.80 | 1.41 | | 1.30 | 0.70 |
| 20 | 0.80 | | 1.70 | 0.90 | 1.15 | 1.60 | 1.38 | 0.75 | 1.17 | 0.70 | 1.10 | 1.05 |
| 21 | 0.65 | 0.70 | 1.75 | 0.92 | 1.20 | 1.60 | 1.52 | 0.78 | 1.15 F | 0.70 | 0.73 | 1.10 |
| 22 | 0.78 | 1.30 | 1.75 F | 0.80 | 1.20 | 1.60 | 1.60 | 0.75 | 1.22 F | 0.68 | 0.90 | 1.20 |
| 23 | | 0.70 | 1.85 | | 1.05 | 1.60 | 1.61 | 0.85 | 1.00 | 0.95 | 1.02 | 1.20 |
| 24 F | 0.72 | 0.75 | 2.38 | | 1.22 | 1.55 | 1.63 | 0.95 | 1.20 | 1.12 | 1.13 | 1.30 |
| 25 | 1.10 | 0.90 | 2.00 | | 1.30 | 1.85 | 1.56 | 1.09 | 1.28 | 1.22 | 1.30 | 1.48 |
| 26 | 0.72 | 1.30 | 1.95 | | 1.50 | 1.45 | 1.65 | 1.30 | 1.33 | 1.30 | 1.48 | 1.60 |
| 27 | | 1.55 | 2.05 | | 1.60 | 1.20 | 1.48 | 1.31 | 1.38 | 1.22 | 1.53 | 1.50 |
| 28 F | 0.65 | 1.80 | 1.90 | | 1.70 | 1.10 | 1.43 | 1.22 | 1.37 | 0.90 | 1.38 | 1.28 |
| 29 | 0.70 | ----- | 1.95 F | 0.75 | 1.60 | 1.30 | 1.40 | 1.10 | 1.39 | 0.86 | 1.00 F | 0.68 |
| 30 | 0.98 | ----- | 1.98 F | 0.75 | 1.60 | 1.44 | 1.25 | 1.05 | 1.15 | 0.92 | 1.03 F | 0.10 |
| 31 | 0.78 | ----- | 1.38 | ----- | 1.60 | ----- | 1.22 | 1.11 | ----- | 0.92 | ----- | 0.63 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 0.89 | 0.97 | 1.40 | 0.97 | 1.20 | 1.61 | 1.47 | 1.09 | 1.26 | 0.87 | 1.11 | 1.15 |
| MAX | 1.50 | 1.80 | 2.38 | 1.70 | 1.70 | 2.20 | 1.70 | 1.55 | 1.45 | 1.30 | 1.77 | 1.75 |
| MIN | 0.65 | 0.65 | 0.60 | 0.75 | 0.76 | 1.10 | 1.13 | 0.75 | 1.00 | 0.40 | 0.65 | 0.10 |
| DAYS | 27 | 22 | 30 | 22 | 31 | 30 | 31 | 31 | 30 | 20 | 30 | 29 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 333

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.19.

HIGHEST STAGE WAS 3.18 AT 1:45 P.M. ON MAR 29.

LOWEST STAGE (FROM INCOMPLETE RECORD) WAS 0.10 ON DEC 30.

DAILY STAGE FOR 1987

BAYOU BARATARIA AT LAFITTE, LA.

LOCATION. LAT. 29-40-06, LONG. 90-06-36. ON WHARF OF NICKS PLACE AND BOAT-LAUNCHING RAMP AT MARRERO AND FOURTH STREETS. (STA. 8287507.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. OCT. 19, 1955, TO DEC. 31, 1960, AND MAY 1, 1963, TO DATE.

EXTREMES. HIGHEST, 5.05 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 0.68 FOOT ON DEC. 25, 1983.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|-------|------|-------|------|-------|--------|------|--------|------|--------|------|
| 1 | 1.09 | 1.04 | 1.18 | 0.85 | 0.93 | 1.55 | 1.53 | 1.22 | 1.27 | | 1.05 | 0.90 |
| 2 | 1.10 | 1.23 | 1.00 | 1.02 | 1.13 | 1.45 | 1.55 | 1.21 | 1.34 F | 1.30 | 0.85 | 0.88 |
| 3 | 1.25 | 0.95 | 1.00 | 0.80 | 1.35 | 1.48 | 1.62 | | 1.31 | 0.88 | 0.95 | 0.95 |
| 4 | 1.18 | 0.99 | 0.65 | 0.48 | 1.35 | 1.40 | 1.58 | | 1.28 | 0.50 | 0.90 | 0.99 |
| 5 | 0.80 | 0.85 | 0.58 | 0.36 | 1.22 | 1.18 | 1.62 | | 1.39 | 0.87 | 1.15 | 0.82 |
| 6 | 0.92 | 1.05 | 0.72 | 0.55 | 1.10 | 1.10 | 1.74 | | 1.45 | 0.94 | 0.91 | 1.08 |
| 7 | 0.80 F | 0.70 | 0.75 | 0.65 | 1.00 | 1.55 | 1.74 | | 1.48 | 0.94 | 1.22 | 1.60 |
| 8 | 0.80 | 0.74 | 1.10 | 0.78 | 0.98 | 1.90 | 1.78 | | 1.28 | 0.95 | 1.45 | 1.72 |
| 9 | 0.98 | 0.40 | 1.02 | 0.75 | 0.82 | 2.05 | 1.72 | | 1.08 | 1.10 | 1.70 | 1.60 |
| 10 | 0.98 | 0.42 | 1.02 | 0.75 | 1.21 | 2.00 | 1.69 | | 1.12 | 1.10 | 1.55 | 1.42 |
| 11 | 0.50 | 0.68 | 0.82 | 0.82 | 1.35 | 2.10 | 1.59 | | 1.37 | 1.05 | 0.65 | 1.28 |
| 12 | 0.40 | 0.78 | 0.68 | 1.31 | 1.30 | 2.11 | 1.55 | | 1.30 | 0.75 | 0.70 | 1.40 |
| 13 | 0.52 | 0.70 | 0.78 | 1.60 | 1.30 | 2.00 | 1.41 | | | 0.55 | 0.81 | 1.29 |
| 14 | 0.66 | 0.82 | 0.90 | 1.44 | 1.30 | 1.90 | 1.26 | | | 0.80 | 0.99 | 1.68 |
| 15 | 0.95 | 1.28 | 1.20 | 1.42 | 1.05 | 1.69 | 1.10 | | | 0.95 | 1.25 | 1.41 |
| 16 | 1.12 | 1.50 | 1.45 | 1.03 | 0.90 | 1.75 | 1.15 | | F | 1.50 | 1.10 | 0.71 |
| 17 | 1.18 | 1.05 | 1.80 | 1.02 | 0.86 | 1.65 | 1.29 | | | 1.60 | 1.15 | 0.40 |
| 18 | 1.65 | 0.68 | 2.08 | 0.90 | 0.98 | 1.70 | 1.21 F | 1.05 | 1.60 | 1.03 | 1.30 | 0.49 |
| 19 | 1.22 | 0.22 | 1.88 | 0.82 | 1.02 | 1.60 | 1.40 | 1.01 | 1.60 | 1.10 | 1.30 | 0.70 |
| 20 | 0.88 | 0.40 | 1.72 | 0.80 | 1.13 | 1.65 | 1.60 | 0.97 | 1.40 | 1.20 | 1.50 | 1.00 |
| 21 | 0.59 | 0.80 | 1.72 | 0.88 | 1.22 | 1.70 | 1.72 | 0.98 | 1.32 | 0.71 | 1.25 | 1.02 |
| 22 | 0.72 | 1.20 | 1.67 | 0.65 | 1.20 | 1.70 | 1.78 | 0.99 | 1.28 | 0.70 | 0.80 | 1.11 |
| 23 | F | 0.45 | 0.70 | 1.98 | 1.30 | 1.70 | 1.77 | 1.01 | 1.09 | 0.99 | 1.05 F | 1.20 |
| 24 | 0.64 | 0.80 | 2.29 | 0.50 | 1.35 | 1.60 | 1.74 | 1.11 | 1.29 | 1.27 | 1.25 | 1.39 |
| 25 | 1.10 | 1.45 | 1.98 | 0.32 | 1.48 | 1.60 | 1.62 | 1.26 | 1.40 | 1.40 | 1.40 | 1.60 |
| 26 | 0.62 | 1.68 | 1.78 | 0.32 | 1.60 | 1.43 | 1.54 | 1.34 | 1.42 | 1.45 | 1.50 | 1.70 |
| 27 | 0.50 | 2.15 | 1.88 | 0.56 | 1.75 | 1.20 | 1.50 | 1.23 | | 1.25 | 1.55 | 1.45 |
| 28 | 0.66 | 1.68 | 1.90 | 0.65 | 1.88 | 1.16 | 1.39 | 1.23 | | 1.00 | 1.26 | 1.05 |
| 29 | 0.90 | ----- | 1.92 | 0.58 | 1.78 | 1.40 | 1.38 | 1.12 | | 1.05 | 1.01 | 1.28 |
| 30 | 1.04 | ----- | 1.70 | 0.82 | 1.72 | 1.50 | 1.28 | 1.15 | | 1.10 | 1.02 | 0.09 |
| 31 | 0.82 | ----- | 1.12 | ----- | 1.60 | ----- | 1.25 | 1.18 | ----- | 1.05 | ----- | 0.45 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 0.87 | 0.96 | 1.36 | 0.80 | 1.26 | 1.63 | 1.52 | 1.13 | 1.36 | 1.01 | 1.20 | 1.12 |
| MAX | 1.65 | 2.15 | 2.29 | 1.60 | 1.88 | 2.11 | 1.78 | 1.34 | 1.60 | 1.45 | 1.80 | 1.72 |
| MIN | 0.40 | 0.22 | 0.58 | 0.32 | 0.82 | 1.10 | 1.10 | 0.97 | 1.08 | 0.50 | 0.65 | 0.09 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 16 | 23 | 30 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 342

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.18

HIGHEST STAGE WAS 3.18 AT 2:15 A.M. ON MAR 29

LOWEST STAGE WAS MINUS 0.03 ON DEC 30

DAILY STAGE FOR 1987

COMITE RIVER NEAR BAKER, LA.

LOCATION. LAT. 30-35-47, LONG. 91-05-38. DYER ROAD BRIDGE, 4.5 MILES EAST OF BAKER. (STA. 8501609.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 15, 1965, TO DATE.

EXTREMES. HIGHEST, 73.34 FEET ON APR. 16, 1967. LOWEST, CHANNEL DRY ON OCT. 25, 1973 AND LATER DATES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|---------|---------|-----|---------|-----|-------|-------|-----|-----|-----|
| 1 | | | 59.84 | | | | | | | | | |
| 2 | | | 57.30 | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | F 56.42 | | | | | | | | | | |
| 7 | | 56.71 | | | | | | | | | | |
| 8 | | | 57.24 | | | | | | | | | |
| 9 | | | 57.44 | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | 60.80 | | | | |
| 13 | | | | | | | | 57.70 | | | | |
| 14 | | | | F 54.03 | | | | | | | | |
| 15 | | F 56.40 | | | | | | | | | | |
| 16 | 55.97 | 59.43 | | | | F 56.32 | | | | | | |
| 17 | 57.07 | 58.63 | | | | | | | | | | |
| 18 | 60.80 | | 61.00 | | | | | | | | | |
| 19 | 62.60 | | 58.85 | | | | | | | | | |
| 20 | 58.70 | | F 56.70 | | | | | | | | | |
| 21 | F 56.55 | F 56.45 | | | | | | | | | | |
| 22 | 58.65 | 59.80 | | | | F 56.72 | | | | | | |
| 23 | 57.32 | 58.25 | F 56.72 | | | | | | | | | |
| 24 | | F 55.17 | 59.85 | | | | | | | | | |
| 25 | 57.85 | 58.34 | 57.62 | | | | | | | | | |
| 26 | 57.10 | 58.10 | F 56.78 | | | | | | | | | |
| 27 | | 59.10 | | | | | | | | | | |
| 28 | | 59.10 | | | | | | | | | | |
| 29 | | ----- | | | | | | | | | | |
| 30 | | ----- | | | | | | | | | | |
| 31 | | ----- | | ----- | | ----- | | | ----- | | | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|---|-------|---|-------|---|---|---|---|
| MEAN | 58.26 | 57.84 | 58.12 | 54.03 | | 56.52 | | 59.25 | | | | |
| MAX | 62.60 | 59.80 | 61.00 | 54.03 | | 56.72 | | 60.80 | | | | |
| MIN | 55.97 | 55.17 | 56.70 | 54.03 | | 56.32 | | 57.70 | | | | |
| DAYS | 10 | 13 | 11 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 39

F=NOT AT STATED TIME

HIGHEST STAGE WAS 62.60 AT 8:00 P.M. ON JAN 19.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

WHITE BAYOU NEAR ZACHARY, LA.

LOCATION. LAT. 30-38-12, LONG. 91-07-39. LOWER ZACHERY ROAD, TWO MILES SOUTHEAST OF ZACHARY.
(STA. 8501909.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. PRIOR TO AUG. 1972,
GAGE WAS MAINTAINED BY U. S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT, AND THE GAGE ZERO
WAS AT NGVD. ALSO, DAILY READINGS WERE AT EIGHT A. M.

RECORDS AVAILABLE. JAN. 1965, TO DATE.

EXTREMES. HIGHEST, 23.24 FEET ON APR. 6, 1983. LOWEST, (FROM INCOMPLETE RECORDS) 2.62 FEET
ON JUN. 12, 1987. EXTREMES HAVE BEEN CORRECTED TO PRESENT DATUM.

MEAN DAILY STAGE IN FEET

GAGE ZERO, 65.00 FEET, NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-----|-------|------|-------|------|-------|-------|------|-------|------|
| 1 | 3.37 | | | | 2.89 | 2.82 | 3.04 | 3.20 | 4.26 | 2.91 | | |
| 2 | 3.34 | | | | 2.77 | 2.78 | 2.99 | 3.13 | 3.68 | 2.90 | | |
| 3 | 5.17 | 4.51 | | | 2.77 | 2.74 | 3.85 | 2.96 | 3.44 | 2.90 | | |
| 4 | 11.87 | 3.93 | | | 3.01 | 2.71 | 3.70 | 3.22 | 3.30 | 2.94 | | |
| 5 | 7.25 | 3.88 | | | 3.07 | 2.68 | 3.40 | 3.57 | 3.17 | 2.92 | | |
| 6 | 4.48 | 6.22 | | | 2.91 | 2.66 | 5.84 | 3.66 | 3.07 | 2.93 | | |
| 7 | 4.05 | 8.00 | | 3.26 | 2.85 | 2.72 | 9.73 | 3.16 | 3.01 | 2.93 | | |
| 8 | 3.80 | 5.01 | | 3.24 | 2.82 | 2.77 | 5.17 | 3.70 | 2.96 | 2.94 | 2.91 | |
| 9 | 3.64 | 4.18 | | 3.17 | 2.84 | 2.69 | 3.97 | 3.69 | 2.95 | 2.94 | 3.16 | |
| 10 | 3.55 | 3.82 | | 3.12 | 2.91 | 2.65 | 3.57 | 3.37 | 2.94 | 2.94 | 3.22 | 2.75 |
| 11 | 3.46 | 3.66 | | 3.08 | 2.98 | 2.64 | 3.38 | 5.87 | 2.93 | 2.97 | 3.12 | 2.80 |
| 12 | 3.40 | 3.56 | | 3.05 | 2.93 | 2.66 | 3.26 | 16.69 | 2.93 | 3.03 | 3.12 | 2.86 |
| 13 | 3.36 | 3.49 | | 3.18 | 2.93 | 4.39 | 3.12 | 19.42 | 2.92 | 3.06 | | 2.80 |
| 14 | 3.58 | 3.43 | | 5.86 | 2.84 | 10.06 | 3.05 | 8.69 | 2.92 | 3.08 | | 2.83 |
| 15 | 4.07 | 9.14 | | 3.89 | 2.78 | 9.38 | 2.95 | 4.18 | 2.92 | 3.09 | | 3.15 |
| 16 | 8.13 | 14.91 | | 3.55 | 2.78 | 5.58 | 2.88 | 3.70 | 2.92 | 3.09 | | 3.11 |
| 17 | 12.22 | 7.07 | | 3.37 | 2.81 | 4.64 | 2.81 | 3.55 | 2.91 | 3.10 | | 3.05 |
| 18 | 15.40 | 4.35 | | 3.22 | 2.75 | 4.04 | 2.79 | 3.37 | 2.91 | 3.11 | | 2.99 |
| 19 | 13.69 | 3.96 | | 3.14 | 2.72 | 3.54 | 2.84 | 3.26 | 2.98 | 3.12 | | 2.97 |
| 20 | 6.14 | 4.07 | | 3.05 | 3.35 | 3.39 | 2.81 | 3.17 | 2.94 | 3.14 | | 3.39 |
| 21 | 6.62 | 6.51 | | 3.00 | 3.11 | 3.79 | 2.77 | 3.08 | 2.91 | 3.15 | | 5.86 |
| 22 | 12.41 | 12.89 | | 2.98 | 4.06 | 7.90 | 3.65 | 3.00 | 2.91 | 3.16 | | 7.28 |
| 23 | 6.91 | 8.80 | | 2.94 | 5.32 | 5.93 | 3.51 | 2.94 | 2.91 | 3.17 | | 4.28 |
| 24 | 4.88 | 6.49 | | 2.90 | 3.83 | 3.89 | 3.08 | 2.91 | 2.91 | 3.18 | | 3.67 |
| 25 | 11.63 | 11.50 | | 2.88 | 3.77 | 3.52 | 2.91 | 3.01 | 2.90 | 3.19 | | 3.43 |
| 26 | 8.06 | 11.25 | | 2.86 | 3.63 | 3.58 | 2.78 | 2.97 | 2.90 | 3.31 | | 3.32 |
| 27 | | 12.08 | | 2.96 | 3.24 | 3.41 | 4.31 | 2.91 | 2.90 | 3.08 | | 3.23 |
| 28 | | | | 3.05 | 3.04 | 3.23 | 4.09 | 3.03 | 2.90 | | | 3.14 |
| 29 | | ----- | | 3.05 | 2.93 | 3.07 | 3.67 | 3.79 | 2.90 | 2.92 | | 3.01 |
| 30 | | ----- | | 2.78 | 2.87 | 2.99 | 3.52 | 12.33 | 2.90 | 2.91 | | 2.90 |
| 31 | | ----- | | ----- | 2.86 | ----- | 3.20 | 5.98 | ----- | | ----- | 2.90 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|---|------|------|-------|------|-------|------|------|------|------|
| MEAN | 6.71 | 6.67 | | 3.23 | 3.11 | 3.96 | 3.63 | 4.89 | 3.04 | 3.04 | 3.11 | 3.44 |
| MAX | 15.40 | 14.91 | | 5.86 | 5.32 | 10.06 | 9.73 | 19.42 | 4.26 | 3.31 | 3.22 | 7.28 |
| MIN | 3.34 | 3.43 | | 2.78 | 2.72 | 2.64 | 2.77 | 2.91 | 2.90 | 2.90 | 2.91 | 2.75 |
| DAYS | 26 | 25 | 0 | 24 | 31 | 30 | 31 | 31 | 30 | 29 | 5 | 22 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 284

THE MEAN STAGE FOR THE YEAR WAS 4.12

HIGHEST STAGE WAS 19.92 AT 3.15 A. M. ON AUG 13

LOWEST STAGE (FROM INCOMPLETE RECORDS) WAS 2.62 ON JUN 12.

DAILY STAGE FOR 1987

AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION. LAT 30-27-50, LONG. 90-59-25. U. S. HIGHWAY 190 (WESTBOUND) BRIDGE, THREE MILES
SOUTHWEST OF DENHAM SPRINGS (STA. 8504009)

GAGE AUTOMATIC RECORDER AND WIRE WEIGHT

GENERAL INFORMATION GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY DRAINAGE AREA, 1,280
SQUARE MILES. ON OCT. 1, 1977 GAGE WAS LOWERED 3.87 FEET TO AGREE WITH NEW GAGE ZERO. STAGES
FROM JAN. 1 THRU SEP. 30 WERE CORRECTED TO NEW DATUM. PRIOR TO 1977 GAGE ZERO WAS 3.87 FEET,
NGVD

RECORDS AVAILABLE STAGE, SEP. 1938 TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1946.
DISCHARGE, 1955, OBSERVED BY CORPS OF ENGINEERS. COMPUTED DAILY, IN REPORTS OF U. S. GEOLOGICAL
SURVEY

EXTREMES HIGHEST, 41.50 FEET ON APR. 8, 1983. LOWEST, 8.43 FEET ON NOV. 18, 1938. EXTREMES
HAVE BEEN ADJUSTED TO NGVD.

MEAN DAILY STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 13.15 | 13.95 | 29.32 | 16.37 | 11.67 | 11.86 | 14.18 | 12.60 | 14.12 | 10.85 | 10.69 | 10.99 |
| 2 | 12.88 | 14.10 | 29.68 | 15.02 | 11.62 | 11.72 | 13.65 | 11.95 | 12.63 | 10.85 | 10.68 | 10.87 |
| 3 | 13.70 | 15.08 | 27.78 | 14.68 | 11.60 | 11.62 | 12.97 | 11.51 | 11.90 | | 10.67 | 10.82 |
| 4 | 19.47 | 15.06 | 23.99 | 14.13 | 11.60 | 11.55 | 12.44 | 11.85 | 11.61 | | 10.67 | 10.81 |
| 5 | 20.93 | 14.28 | 18.93 | 13.81 | 11.73 | 11.48 | 12.13 | 13.83 | 11.45 | | 10.65 | 10.79 |
| 6 | 19.03 | 14.70 | 16.04 | 13.50 | 11.88 | 11.41 | 13.06 | 14.57 | 11.32 | | 10.62 | 10.79 |
| 7 | 15.76 | 18.59 | 15.34 | 13.26 | 12.33 | 11.38 | 12.64 | 13.08 | 11.26 | | 10.61 | 10.85 |
| 8 | 14.28 | 19.88 | 18.19 | 13.08 | 12.36 | 11.37 | 13.61 | 13.38 | 11.20 | | 10.62 | 10.85 |
| 9 | 13.61 | 17.86 | 22.43 | 12.93 | 12.01 | 11.31 | 13.22 | 13.20 | 11.14 | | 10.74 | 10.82 |
| 10 | 13.30 | 15.46 | 22.71 | 12.79 | 11.96 | 11.27 | 12.20 | 12.86 | 11.12 | | 10.75 | 10.79 |
| 11 | 12.96 | 14.23 | 19.72 | 12.67 | 12.57 | 11.24 | 11.83 | 17.36 | 11.22 | | 10.69 | 10.78 |
| 12 | 12.78 | 13.59 | 16.36 | 12.57 | 11.76 | 11.31 | 11.63 | 26.13 | 11.45 | | 10.73 | 10.78 |
| 13 | 12.58 | 13.23 | 15.08 | 12.57 | 11.82 | 15.41 | 11.51 | 27.35 | 11.21 | | 10.72 | 10.77 |
| 14 | 12.75 | 13.00 | 14.47 | 15.51 | 11.87 | 19.44 | 11.42 | 23.51 | 11.13 | | 10.68 | 10.77 |
| 15 | 13.15 | 15.15 | 14.06 | 16.93 | 11.97 | 19.80 | 11.36 | 15.75 | 11.09 | | 10.69 | 10.77 |
| 16 | 15.29 | 22.67 | 13.76 | 14.79 | 14.31 | 20.07 | 11.45 | 12.89 | 11.07 | | 12.04 | 10.76 |
| 17 | 20.35 | 25.27 | 14.14 | 13.67 | 15.81 | 19.42 | 11.88 | 12.36 | 11.13 | | 15.61 | 10.76 |
| 18 | 26.23 | 24.17 | 24.01 | 13.01 | 14.37 | 19.70 | 11.32 | 12.08 | 11.28 | | 13.14 | 10.78 |
| 19 | 29.32 | 19.55 | 27.93 | 12.69 | 13.39 | 18.19 | 11.37 | 11.90 | 12.08 | | 12.32 | 10.76 |
| 20 | 29.96 | 15.37 | 27.55 | 12.49 | 12.82 | 16.11 | 11.73 | 11.80 | 12.14 | | 11.52 | 10.95 |
| 21 | 28.87 | 15.35 | 25.27 | 12.34 | 12.22 | 16.77 | 11.85 | 11.70 | 11.67 | | 11.17 | 12.46 |
| 22 | 27.67 | 22.20 | 20.74 | 12.23 | 12.62 | 17.00 | 11.59 | 11.62 | 11.39 | 10.60 | 11.01 | 14.59 |
| 23 | 26.54 | 26.16 | 16.81 | 12.14 | 14.92 | 17.85 | 11.64 | 11.54 | 11.15 | 10.60 | 10.93 | 13.65 |
| 24 | 24.90 | 26.18 | 23.86 | 12.05 | 13.90 | 15.10 | 11.63 | 11.48 | 11.05 | 10.61 | 10.87 | 12.38 |
| 25 | 22.65 | 25.54 | 26.18 | 11.98 | 14.45 | 14.18 | 11.30 | 11.47 | 10.99 | 10.62 | 10.83 | 11.75 |
| 26 | 24.09 | 26.21 | 25.48 | 11.91 | 15.98 | 14.01 | 11.50 | 11.59 | 10.95 | 10.86 | 10.82 | 11.44 |
| 27 | 22.43 | 27.81 | 21.85 | 11.85 | 16.41 | 13.27 | 12.65 | 11.50 | 10.92 | 11.06 | 10.81 | 11.30 |
| 28 | 18.74 | 28.47 | 17.06 | 11.80 | 15.64 | 12.46 | 11.98 | 11.47 | 10.90 | 10.89 | 10.98 | 11.28 |
| 29 | 15.98 | ----- | 15.89 | 11.75 | 13.11 | 12.14 | 14.01 | 11.74 | 10.89 | 10.87 | 10.96 | 11.57 |
| 30 | 15.03 | ----- | 16.85 | 11.71 | 12.38 | 12.05 | 12.82 | 13.35 | 10.88 | 10.76 | 11.09 | 11.37 |
| 31 | 14.40 | ----- | 17.81 | ----- | 12.05 | ----- | 13.57 | 15.60 | ----- | 10.70 | ----- | 11.24 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 18.80 | 19.04 | 20.62 | 13.21 | 13.00 | 14.35 | 12.26 | 13.97 | 11.41 | 10.77 | 11.14 | 11.27 |
| MAX | 29.96 | 28.47 | 29.68 | 16.93 | 16.41 | 20.07 | 14.18 | 27.35 | 14.12 | 11.06 | 15.61 | 14.59 |
| MIN | 12.58 | 13.00 | 13.76 | 11.71 | 11.60 | 11.24 | 11.30 | 11.47 | 10.88 | 10.60 | 10.61 | 10.76 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 12 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 346

THE MEAN STAGE FOR THE YEAR WAS 14.32

HIGHEST STAGE WAS 29.96 ON JAN 20

LOWEST STAGE WAS 10.60 ON OCT 22 THRU 23

DAILY STAGE FOR 1987

ALLIGATOR BAYOU AT SPANISH LAKE FLOODGATE (LA.) (UPPER)

LOCATION. LAT. 30-19-15, LONG. 91-01-12. ABOUT 100 FEET SOUTH OF FLOODGATE, TWO MILES SOUTH OF
KLEINFETER, LA. (STA. 8503009.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 29, 1955 TO MAY 14, 1973 AND APR. 25, 1974 TO DATE. DAILY STAGES WERE NOT
IN ERROR AS REPORTED IN 1957, THEREFORE SUBTRACT 0.5 FROM DAILY STAGES IN 1957 AND 1958.

EXTREMES. HIGHEST, 10.66 FEET ON APR. 11, 1980. LOWEST, MINUS 0.40 FOOT ON JULY 12, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|--------|-------|--------|-------|------|
| 1 | 6.71 | 6.75 | 7.88 | 5.18 | 5.90 | 6.20 | 6.49 | 6.18 | 6.07 | 5.49 | 5.27 | 5.52 |
| 2 | 6.48 | 6.60 | 7.88 | 4.62 | 5.88 | 6.18 | 6.60 | 6.13 | 6.02 | 5.48 | 5.25 | 5.51 |
| 3 | 6.20 | 6.38 | 7.84 | 5.52 | 5.85 | 6.15 | 6.85 | 6.10 | 6.01 | 5.45 | 5.29 | 5.52 |
| 4 | 6.61 | 6.20 | 7.84 | 5.70 | 5.85 | 6.10 | 6.84 | 6.01 | 6.00 | 5.43 | 5.23 | 5.52 |
| 5 | 6.60 | 6.00 | 7.82 | 5.78 | 5.95 | 6.38 | 6.82 | 6.18 | 5.98 | 5.40 | 5.24 | 5.50 |
| 6 | 6.50 | 5.84 | 7.82 | 5.82 | 5.98 | 6.42 | 6.80 | 6.20 | 5.93 | 5.40 | 5.23 | 5.50 |
| 7 | 6.34 | 5.90 | 7.62 | 5.80 | 5.98 | 6.40 | 6.91 | 6.23 | 5.89 | 5.40 | 5.24 | 5.49 |
| 8 | 6.08 | 5.75 | 7.50 | 5.84 | 5.98 | 6.40 | 6.92 | 6.37 | 5.89 | 5.38 | 5.20 | 5.49 |
| 9 | 5.84 | 5.48 | 7.40 | 5.87 | 6.00 | 6.35 | 7.00 | 6.36 | 5.82 | 5.37 | 5.25 | 5.49 |
| 10 | 6.45 | 5.12 | 7.20 | 5.88 | 6.00 | 6.32 | 7.01 | 6.36 | 5.81 | 5.35 | 5.31 | 5.50 |
| 11 | 6.49 | 5.78 | 7.08 | 5.88 | 6.02 | 6.30 | 7.00 | 6.41 | 5.80 | 5.33 | 5.24 | 5.50 |
| 12 | 6.30 | 5.88 | 6.90 | 5.88 | 6.00 | 6.30 | 6.98 | 6.57 | 5.86 | 5.31 | 5.25 | 5.50 |
| 13 | 6.52 | 5.92 | 6.70 | 5.90 | 6.00 | 6.30 | 6.93 | 6.68 F | 5.85 | 5.30 | 5.27 | 5.49 |
| 14 | 5.68 | 5.96 | 6.50 | 6.00 | 6.00 | 6.60 | 6.87 | 6.70 F | 5.80 | 5.31 | 5.28 | 5.47 |
| 15 | 5.52 | 5.99 | 6.28 | 6.09 | 6.00 | 6.80 | 6.37 | 6.70 | 5.80 | 5.30 | 5.24 | 5.50 |
| 16 | 5.32 | 6.55 | 6.08 | 6.10 | 5.94 | 7.08 | 6.12 | 6.68 | 5.78 | 5.31 F | 5.20 | 5.42 |
| 17 | 6.44 | 6.59 | 5.80 | 6.08 | 5.92 | 7.28 | 5.90 | 6.59 | 5.76 | 5.32 | 5.60 | 5.40 |
| 18 | 6.98 | 5.95 | 6.35 | 6.06 | 5.90 | 7.58 | 6.30 | 6.56 | 5.73 | 5.31 | 5.62 | 5.40 |
| 19 | 7.34 | 5.70 | 6.35 | 6.05 | 5.90 | 7.70 | 6.30 | 6.53 | 5.78 | 5.31 | 5.62 | 5.39 |
| 20 | 7.40 | 5.30 | 6.35 | 6.04 | 5.90 | 7.72 | 5.85 | 5.74 | 5.76 | 5.29 | 5.61 | 5.39 |
| 21 | 7.40 | 6.18 | 6.56 | 5.98 | 5.90 | 7.74 | 5.30 | 5.55 | 5.73 | 5.30 | 5.60 | 5.50 |
| 22 | 7.82 | 6.52 | 6.45 | 5.98 | 5.88 | 7.82 | 6.20 | 6.15 | 5.68 | 5.24 | 5.58 | 5.62 |
| 23 | 7.92 | 6.40 | 6.18 | 6.00 | 6.04 | 7.88 | 6.21 | 6.15 | 5.68 | 5.22 | 5.56 | 5.62 |
| 24 | 7.94 | 6.40 | 6.68 | 5.98 | 6.12 | 7.83 | 6.22 | 6.15 | 5.65 | 5.24 | 5.54 | 5.63 |
| 25 | 7.92 | 6.65 | 6.60 | 5.98 | 6.10 | 7.93 | 6.20 | 6.10 | 5.62 | 5.25 | 5.53 | 5.63 |
| 26 | 7.92 | 6.90 | 6.50 | 5.92 | 6.30 | 7.20 | 6.17 | 6.10 | 5.60 | 5.25 | 5.54 | 5.63 |
| 27 | 7.70 | 7.44 | 6.38 | 5.90 | 6.32 | 7.10 | 6.15 | 6.08 | 5.60 | 5.33 | 5.54 | 5.61 |
| 28 | 7.52 | 7.80 | 6.20 | 5.92 | 6.32 | 6.80 | 6.18 | 6.04 | 5.58 | 5.30 | 5.55 | 5.60 |
| 29 | 7.32 | ----- | 5.90 | 5.90 | 6.30 | 6.62 | 4.95 | 6.01 | 5.50 | 5.30 | 5.55 | 5.58 |
| 30 | 7.10 | ----- | 5.86 | 5.90 | 6.30 | 6.50 | 6.14 | 5.99 | 5.50 | 5.30 | 5.53 | 5.57 |
| 31 | 6.95 | ----- | 5.55 | ----- | 6.25 | ----- | 6.17 | 6.05 | ----- | 5.30 | ----- | 5.55 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 6.82 | 6.21 | 6.78 | 5.85 | 6.03 | 6.85 | 6.41 | 6.25 | 5.78 | 5.33 | 5.40 | 5.52 |
| MAX | 7.94 | 7.80 | 7.88 | 6.10 | 6.32 | 7.88 | 7.01 | 6.70 | 6.07 | 5.49 | 5.62 | 5.63 |
| MIN | 5.32 | 5.12 | 5.55 | 4.62 | 5.85 | 6.10 | 4.95 | 5.55 | 5.50 | 5.22 | 5.20 | 5.39 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 6.10.

HIGHEST STAGE WAS 7.95 AT 10:00 P.M. ON JAN 23.

LOWEST STAGE WAS 4.62 ON APR 2.

DAILY STAGE FOR 1987

ALLIGATOR BAYOU AT SPANISH LAKE FLOODGATE (LA.) (LOWER)

LOCATION. LAT. 30-19-18, LONG. 91-01-14 ABOUT 250 FEET NORTH OF FLOODGATE, TWO MILES SOUTH OF
KLEINFETER, LA (STA 8507509.)

GAGE. AUTOMATIC RECORDER AND STAFF

RECORDS AVAILABLE FEB. 4, 1955, TO DATE. DAILY STAGES WERE NOT IN ERROR AS REPORTED IN 1957,
THEREFORE SUBTRACT 0.5 FROM DAILY STAGES IN 1957 AND 1958

EXTREMES. HIGHEST, 15.71 FEET ON APR. 10, 1983. LOWEST, MINUS 2.42 FEET ON APR. 29, 1960.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | | 5.49 | 9.33 | 4.69 | 0.34 | 1.80 | 5.57 | 2.19 | 4.34 | 1.00 | | 0.21 |
| 2 | | 5.44 | 9.48 | 4.26 | 0.51 | 1.63 | 5.98 | 1.33 | 2.27 | 1.00 | | 0.38 |
| 3 | | 5.36 | 9.71 | 2.63 | 0.88 | 1.61 | 4.70 | 1.13 | 1.42 | 0.94 | | 0.80 |
| 4 | | 5.22 | 9.36 | 2.44 | 1.32 | 1.64 | 3.53 | 1.45 | 1.33 | 0.94 | | 0.56 |
| 5 | | 5.09 | 8.41 | 2.17 | 2.90 | 1.96 | 2.75 | 5.57 | 2.09 | 1.03 | | 0.51 |
| 6 | | 5.01 | 7.14 | 1.90 | 1.43 | 1.73 | 2.75 | 5.20 | 2.10 | 0.77 | | 0.91 |
| 7 | | 5.34 | 6.79 | 1.56 | 1.17 | 1.89 | 3.48 | 4.43 | 2.00 | 0.55 | | 1.34 |
| 8 | | 5.19 | 6.37 | 1.41 | 1.00 | 2.17 | 3.22 | 3.82 | 1.71 | 0.70 | | 1.67 |
| 9 | | 4.94 | 6.02 | 1.22 | 0.87 | 2.31 | 4.40 | 2.72 | 1.23 | 0.99 | | 1.67 |
| 10 | | 4.60 | 6.14 | 0.94 | 1.23 | 2.20 | 3.43 | 2.46 | 1.11 | 1.13 | | 1.42 |
| 11 | | 2.67 | 6.02 | 0.75 | 2.53 | 2.16 | 2.93 | 2.84 | 1.02 | 0.95 | | 0.93 |
| 12 | | 2.37 | 5.87 | 0.75 | 1.38 | 2.10 | 2.80 | 7.43 | 1.06 | 0.68 | | 0.74 |
| 13 | | 2.21 | 5.66 | 1.04 | 1.27 | 2.08 | 2.65 | 9.04 | 0.92 | 0.38 | | 0.99 |
| 14 | | 2.03 | 5.50 | 2.41 | 1.11 | 5.94 | 2.45 | 8.53 | 0.75 | 0.45 | | 1.80 |
| 15 | | 1.92 | 5.33 | 1.75 | 0.89 | 6.06 | 4.06 | 7.79 | 0.79 | 0.96 | | 1.39 |
| 16 | | 5.08 | 5.22 | 0.86 | 0.97 | 7.96 | 4.65 | 6.58 | 0.81 | 1.14 | | 0.70 |
| 17 | | 4.59 | 5.11 | 0.60 | 1.47 | 7.07 | 4.54 | 5.22 | 1.38 | | | 0.56 |
| 18 | | 5.22 | 6.38 | 0.63 | 1.64 | 6.63 | 2.45 | 3.27 | 1.21 | | | 0.65 |
| 19 | | 5.02 | 6.21 | 0.75 | 1.47 | 5.86 | 2.31 | 0.95 | 1.34 | | | 1.10 |
| 20 | | 4.58 | 6.41 | 0.91 | 1.44 | 6.23 | 2.61 | 2.11 | 1.73 | | | 1.28 |
| 21 | 8.75 | 2.24 | 6.77 | 0.62 | 1.45 | 5.41 | 4.71 | 4.80 | 1.46 | | | 1.17 |
| 22 | 9.83 | 4.54 | 6.45 | 0.36 | 1.31 | 5.26 | 3.09 | 2.69 | 1.59 | | | 2.70 |
| 23 | 9.62 | 4.93 | 5.90 | 0.25 | 3.06 | 4.77 | 2.72 | 2.98 | 1.38 | | | 1.46 |
| 24 | 8.99 | 5.83 | 6.75 | 0.04 | 2.77 | 4.05 | 2.70 | 2.46 | 1.53 | | | 1.28 |
| 25 | 8.29 | 6.50 | 6.45 | 0.15 | 1.95 | 5.85 | 2.41 | 2.36 | 1.19 | | 1.46 | 1.22 |
| 26 | 7.23 | 6.76 | 6.22 | 0.24 | 3.62 | 5.86 | 2.19 | 2.42 | 1.23 | | 1.49 | 1.12 |
| 27 | 6.99 | 8.97 | 6.05 | 0.47 | 2.47 | 5.73 | 2.76 | 2.26 | 1.15 | | 1.48 | 1.06 |
| 28 | 6.49 | 9.02 | 5.83 | 0.21 | 2.47 | 5.54 | 2.25 | 2.04 | 1.15 | | 1.51 | 0.79 |
| 29 | 6.00 | ----- | 5.39 | 0.15 | 2.18 | 5.38 | 4.21 | 1.87 | 1.23 | | 0.98 | -0.02 |
| 30 | 5.60 | ----- | 5.39 | 0.47 | 2.10 | 5.16 | 2.28 | 3.18 | 1.13 | | 0.51 | 0.15 |
| 31 | 5.62 | ----- | 5.10 | ----- | 1.92 | ----- | 1.98 | 4.24 | ----- | ----- | ----- | 0.67 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 7.58 | 4.86 | 6.54 | 1.22 | 1.65 | 4.13 | 3.31 | 3.71 | 1.45 | 0.85 | 1.24 | 1.01 |
| MAX | 9.83 | 9.02 | 9.71 | 4.69 | 3.62 | 7.96 | 5.98 | 9.04 | 4.34 | 1.14 | 1.51 | 2.70 |
| MIN | 5.60 | 1.92 | 5.10 | 0.04 | 0.34 | 1.61 | 1.98 | 0.95 | 0.75 | 0.38 | 0.51 | -0.02 |
| DAYS | 11 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 16 | 6 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 306

THE MEAN STAGE FOR THE YEAR WAS 3.10

HIGHEST STAGE WAS 9.90 AT 4:00AM ON JAN 22

LOWEST STAGE WAS MINUS 0.20 ON DEC 29.

DAILY STAGE FOR 1987

BAYOU MANCHAC AT HOPE VILLA, LA.

LOCATION. LAT. 30-20-38, LONG. 90-59-00. ON U. S. HIGHWAY 61 (NORTHBOUND) BRIDGE. (STA. 8510009.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. FEB. 6, 1945, TO OCT. 8, 1958, AND JULY 19, 1960, TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 15.60 FEET ON APR. 8, 1983. LOWEST, MINUS 1.63 FEET ON DEC. 19, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------|------|--------|------|-------|------|-------|--------|------|-------|------|-------|-------|
| 1 | 2.90 | 2.89 | 9.16 | 2.57 | 0.28 | 1.69 | 4.09 | 1.08 | 3.41 | 0.90 | 0.78 | 0.16 |
| 2 | 2.75 | 3.04 | 9.45 | 2.17 | 0.38 | 1.53 | 4.44 | 0.40 | 1.68 | 0.90 | 0.80 | 0.33 |
| 3 | 2.59 | 2.91 | 9.67 | 1.27 | 0.76 | 1.51 | 3.12 | 0.33 | 1.23 | 0.86 | 1.15 | 0.75 |
| 4 | 5.33 | 2.86 | 8.98 | 1.07 | 1.20 | 1.54 | 2.08 | 0.89 | 1.17 | 0.85 | 1.54 | 0.51 |
| 5 | 4.24 | 2.92 | 7.37 | 0.80 | 2.35 | 1.56 | 1.43 | | 1.53 | 0.93 | 1.65 | 0.45 |
| 6 | 3.89 | 3.08 | | 0.57 | 1.10 | 1.45 | 1.55 | | 1.70 | 0.65 | 1.40 | 0.85 |
| 7 | 3.29 | 3.86 | | 0.46 | 0.98 | 1.75 | 2.28 | | 1.64 | 0.48 | 1.45 | 1.28 |
| 8 | 2.86 | 3.64 | | 0.55 | 0.84 | 2.06 | 2.20 | | 1.34 | 0.64 | 1.57 | 1.57 |
| 9 | 2.68 | 3.24 F | 4.23 | 0.38 | 0.64 | 2.22 | 3.33 | | 0.85 | 0.94 | 1.84 | 1.57 |
| 10 | 1.80 | 2.56 | 4.25 | 0.13 | 1.09 | 2.10 | 2.32 | | 0.80 | 1.07 | 1.56 | 1.32 |
| 11 | 1.08 | 1.36 | 4.16 | 0.10 | 2.19 | 2.05 | 1.95 | | 0.75 | 0.89 | 0.68 | 0.83 |
| 12 | 0.56 | 1.03 | 3.66 | 0.32 | 1.18 | 2.00 | 1.83 | | 0.73 | 0.60 | 0.25 | 0.63 |
| 13 | 0.30 | 0.81 | 3.24 | 0.82 | 1.07 | 1.98 | 1.65 | | 0.60 | 0.25 | 0.30 | 0.86 |
| 14 | 1.84 | 0.72 | 3.03 | 2.20 | 0.92 | 4.77 | 1.37 F | 7.67 | 0.45 | 0.37 | 0.42 | 1.67 |
| 15 | 2.45 | 0.90 | 2.87 | 1.56 | 0.68 | | 1.24 | 6.52 | 0.55 | 0.85 | 1.32 | 1.30 |
| 16 | 2.96 | 4.37 | 2.90 | 0.48 | 0.80 | | 2.24 | 4.57 | 0.60 | 1.02 | 1.96 | 0.59 |
| 17 | 3.42 | 3.65 | 3.08 | 0.29 | 1.34 | | 2.31 | 3.30 | 1.10 | 0.68 | 4.91 | 0.42 |
| 18 | | 4.05 | 5.83 | 0.44 | 1.49 | | 1.38 | 1.78 | 1.03 | 0.47 | 3.16 | 0.54 |
| 19 | | 3.86 | 5.16 | 0.60 | 1.34 | | 1.56 | 0.48 | 1.15 | 0.57 | 1.89 | 0.97 |
| 20 F | 8.16 | 2.90 | 6.30 | 0.82 | 1.35 | | 2.02 | 0.43 | 1.48 | 0.79 | 1.35 | 1.16 |
| 21 | 8.85 | 2.03 | 6.75 | 0.48 | 1.36 | | 3.05 | 2.13 | 1.36 | 0.86 | 0.91 | 1.04 |
| 22 | 9.77 | 4.25 | 5.94 | 0.25 | 1.24 | 4.25 | 2.56 | 1.17 | 1.48 | 1.14 | 0.82 | 2.27 |
| 23 | 9.02 | 4.27 | 4.99 | 0.17 | 2.65 | 3.57 | 2.22 | 1.27 | 1.26 | 1.47 | 1.04 | 1.25 |
| 24 | 8.05 | 5.14 | 6.25 | -0.13 | 2.50 | 2.87 | 2.16 | 1.27 | 1.44 | 1.67 | 1.14 | 1.17 |
| 25 | 7.20 | 6.21 | 5.35 | 0.08 | 1.74 | 3.65 | 1.89 | 1.32 | 1.09 | 1.55 | 1.43 | 1.12 |
| 26 | 5.70 | 6.53 | 5.53 | 0.16 | 3.14 | 3.57 | 1.66 | 1.59 | 1.14 | 1.20 | 1.45 | 1.04 |
| 27 | 5.26 | 9.07 | 5.45 | 0.43 | 2.20 | 3.48 | 2.25 | 1.48 | 1.07 | 1.19 | 1.45 | 0.98 |
| 28 | 4.57 | 8.85 | 4.69 | 0.13 | 2.36 | 3.26 | 1.60 | 1.20 | 1.07 | 0.66 | 1.47 | 0.66 |
| 29 | 3.66 | ----- | 3.70 | 0.08 | 2.08 | 3.16 | 2.05 | 1.14 | 1.14 | 0.61 | 0.95 | -0.25 |
| 30 | 3.08 | ----- | 3.90 | 0.40 | 2.01 | 3.13 | 1.49 | 2.08 | 1.03 | 0.65 | 0.49 | 0.00 |
| 31 | 2.97 | ----- | 3.21 | ----- | 1.80 | ----- | 1.44 | 3.53 | ----- | 0.63 | ----- | 0.56 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|------|------|------|------|------|------|------|-------|
| MEAN | 4.18 | 3.61 | 5.31 | 0.65 | 1.45 | 2.57 | 2.15 | 2.07 | 1.20 | 0.85 | 1.37 | 0.89 |
| MAX | 9.77 | 9.07 | 9.67 | 2.57 | 3.14 | 4.77 | 4.44 | 7.67 | 3.41 | 1.67 | 4.91 | 2.27 |
| MIN | 0.30 | 0.72 | 2.87 | -0.13 | 0.28 | 1.45 | 1.24 | 0.33 | 0.45 | 0.25 | 0.25 | -0.25 |
| DAYS | 29 | 28 | 28 | 30 | 31 | 23 | 31 | 22 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 344

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 2.15.

HIGHEST STAGE WAS 10.20 AT 11:00 P.M. ON JAN 21.

LOWEST STAGE WAS MINUS 0.48 ON DEC 29.

DAILY STAGE FOR 1987

AMITE RIVER AT PORT VINCENT, LA.

LOCATION. LAT. 30-19-57, LONG. 90-51-07. ON SOUTH SIDE OF NEW HIGHWAY 42 BRIDGE. (STA 8517509.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY U. S. GEOLOGICAL SURVEY. PRIOR TO OCT. 23, 1983,
 GAGE WAS MAINTAINED BY U. S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT. ALSO, DAILY
 READINGS WERE AT EIGHT A.M.

RECORDS AVAILABLE. DEC. 15, 1954 TO JUNE 18, 1974 AND JUNE 21, 1975 TO DATE.

EXTREMES. HIGHEST, 14.59 FEET ON APR. 9, 1983. LOWEST, MINUS 1.60 FEET ON DEC. 19, 1954.

MEAN DAILY STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|-------|
| 1 | 1.59 | 1.07 | 7.10 | 0.89 | 0.52 | 1.89 | 1.91 | 0.87 | 1.80 | 1.44 | 1.28 | 0.40 |
| 2 | | 1.12 | 7.41 | 0.82 | 0.64 | 1.72 | 1.79 | 0.69 | 1.76 | 1.37 | 1.32 | 0.66 |
| 3 | | 1.09 | 7.34 | 0.64 | 1.09 | 1.71 | 1.43 | 0.85 | 1.68 | 1.20 | 1.55 | 0.91 |
| 4 | | 1.30 | 6.22 | 0.58 | 1.47 | 1.70 | 1.22 | 1.08 | 1.66 | 1.30 | 1.82 | 0.75 |
| 5 | | 1.81 | 4.51 | 0.55 | 1.42 | 1.67 | 1.24 | 1.28 | 1.85 | 1.22 | 1.88 | 0.90 |
| 6 | | 2.38 | 2.99 | 0.45 | 1.22 | 1.76 | 1.51 | 1.36 | 1.95 | 0.90 | 1.79 | 1.25 |
| 7 | | 2.52 | 2.53 | 0.47 | 1.13 | 2.15 | 1.81 | 1.35 | 1.84 | 0.74 | 1.89 | 1.66 |
| 8 | | 2.29 | 2.63 | 0.64 | 1.03 | 2.43 | 1.94 | 1.48 | 1.50 | 1.00 | 2.05 | 2.04 |
| 9 | | 1.64 | 2.58 | 0.46 | 1.01 | 2.53 | 1.97 | 1.54 | 1.05 | 1.31 | 2.23 | 2.02 |
| 10 | | 1.20 | 2.43 | 0.29 | 1.57 | 2.42 | 1.82 | 1.54 | 0.99 | 1.45 | 1.71 | 1.67 |
| 11 | | 1.07 | 2.22 | 0.32 | 1.80 | 2.33 | 1.73 | 1.55 | 1.19 | 1.36 | 0.91 | 1.25 |
| 12 | | 0.93 | 1.61 | 0.75 | 1.45 | 2.28 | 1.63 | 2.89 | 1.25 | 1.01 | 0.80 | 1.12 |
| 13 | | 0.78 | 1.49 | 1.50 | 1.35 | 2.30 | 1.41 | 4.05 | 1.09 | 0.78 | 0.80 | 1.46 |
| 14 | | 0.87 | 1.19 | 2.00 | 1.18 | 2.69 | 1.12 | 4.09 | 1.05 | 1.01 | 1.08 | 2.08 |
| 15 | | 1.59 | 1.42 | 1.33 | 0.95 | 2.61 | 1.11 | 2.77 | 1.10 | 1.46 | 1.83 | 1.52 |
| 16 | | 2.31 | 1.82 | 0.45 | 1.10 | 2.89 | 1.32 | 1.33 | 1.18 | 1.44 | 2.45 | 0.80 |
| 17 | | 2.33 | 2.45 | 0.41 | 1.47 | 2.76 | 1.53 | 0.99 | 1.38 | 1.16 | 2.62 | 0.65 |
| 18 | | 2.27 | 3.35 | 0.56 | 1.56 | 2.44 | 1.46 | 0.81 | 1.45 | 1.01 | 2.12 | 0.90 |
| 19 | | 2.05 | 3.77 | 0.74 | 1.50 | 2.07 | 1.84 | 0.81 | 1.43 | 1.11 | 2.05 | 1.31 |
| 20 | | 1.83 | 4.62 | 0.89 | 1.56 | 1.87 | 2.21 | 0.97 | 1.52 | 1.18 | 1.54 | 1.40 |
| 21 | | 2.16 | 4.82 | 0.60 | 1.60 | 1.80 | 2.66 | 1.00 | 1.72 | 1.20 | 1.28 | 1.51 |
| 22 | | 2.77 | 4.06 | 0.36 | 1.49 | 2.05 | 2.65 | 1.09 | 1.70 | 1.57 | 1.33 | 1.62 |
| 23 | | 3.00 | 3.12 | 0.37 | 1.65 | 2.10 | 2.41 | 1.24 | 1.63 | 1.88 | 1.55 | 1.53 |
| 24 | | 3.42 | 3.57 | 0.26 | 1.85 | 1.91 | 2.22 | 1.25 | 1.66 | 2.01 | 1.71 | 1.60 |
| 25 | | 3.92 | 3.79 | 0.49 | 1.92 | 1.84 | 2.06 | 1.35 | 1.43 | 1.92 | 1.89 | 1.56 |
| 26 | | 4.33 | 4.02 | 0.63 | 2.22 | 1.53 | 1.90 | 1.57 | 1.45 | 1.73 | 1.91 | 1.47 |
| 27 | | 5.75 | 3.89 | 0.76 | 2.30 | 1.53 | 1.84 | 1.47 | 1.53 | 1.47 | 1.94 | 1.32 |
| 28 | | 6.64 | 3.14 | 0.42 | 2.40 | 1.71 | 1.48 | 1.26 | 1.62 | 1.18 | 1.69 | 0.75 |
| 29 | 0.97 | ----- | 2.57 | 0.47 | 2.27 | 1.90 | 1.31 | 1.35 | 1.69 | 1.17 | 1.22 | -0.03 |
| 30 | 0.91 | ----- | 2.29 | 0.61 | 2.20 | 1.96 | 1.27 | 1.58 | 1.53 | 1.18 | 0.63 | 0.34 |
| 31 | 0.90 | ----- | 1.47 | ----- | 2.04 | ----- | 1.36 | 1.84 | ----- | 1.19 | ----- | 0.94 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 1.09 | 2.30 | 3.43 | 0.66 | 1.51 | 2.08 | 1.71 | 1.53 | 1.49 | 1.29 | 1.63 | 1.21 |
| MAX | 1.59 | 6.64 | 7.41 | 2.00 | 2.40 | 2.89 | 2.66 | 4.09 | 1.95 | 2.01 | 2.62 | 2.08 |
| MIN | 0.90 | 0.78 | 1.19 | 0.26 | 0.52 | 1.53 | 1.11 | 0.69 | 0.99 | 0.74 | 0.63 | -0.03 |
| DAYS | 4 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 338

THE MEAN STAGE FOR THE YEAR WAS 1.70.

HIGHEST STAGE (FROM INCOMPLETE RECORDS) WAS 7.54 AT 11:00 P.M. ON MAR. 2.

LOWEST STAGE WAS MINUS 0.20 ON DEC. 29.

DAILY STAGE FOR 1987

AMITE RIVER AT FRENCH SETTLEMENT, LA.

LOCATION. LAT. 30-16-30. LONG. 90-46-55. ABOUT 200 FEET WEST OF STATE HIGHWAY 14 BRIDGE AT OLD FERRY LANDING. (STA. 8522509.)

GAGE AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1949. DAILY, JAN. 1, 1950, TO FEB. 17, 1951, AND DEC. 16, 1954, TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 7.4 FEET ON APR. 25, 1978. LOWEST, MINUS 1.50 FEET ON DEC. 19, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.83 | 1.16 | 4.51 | 0.96 | 0.87 | 2.20 | 2.16 | 1.09 | 1.84 | 1.52 | 1.38 | 0.77 |
| 2 | 1.62 | 1.27 | 4.54 | 1.09 | 0.98 | 2.04 | 2.08 | 0.79 | 1.87 | 1.50 | 1.41 | 0.95 |
| 3 | 1.57 | 1.26 | 4.50 | 0.93 | 1.39 | 2.03 | 1.70 | 0.80 | 1.79 | 1.44 | 1.77 | 1.38 |
| 4 | 2.17 | 1.52 | 4.30 | 0.92 | 1.81 | 2.08 | 1.42 | 1.05 | 1.76 | 1.45 | 2.13 | 1.15 |
| 5 | 2.22 | 1.94 | 3.76 | 0.92 | 1.85 | 1.95 | 1.32 | 1.30 | 2.01 | 1.50 | 2.24 | 1.13 |
| 6 | 1.82 | 2.49 | 3.00 | 0.80 | 1.57 | 1.91 | 1.50 | 1.34 | 2.22 | 1.27 | 2.04 | 1.45 |
| 7 | 1.42 | 2.65 | 2.65 | 0.83 | 1.56 | 2.33 | 1.84 | 1.37 | 2.16 | 1.10 | 2.09 | 1.89 |
| 8 | 1.54 | 2.34 | 2.79 | 1.04 | 1.39 | 2.64 | 2.10 | 1.56 | 1.85 | 1.24 | 2.19 | 2.22 |
| 9 | 1.67 | 1.74 | 2.56 | 0.84 | 1.14 | 2.80 | 2.18 | 1.73 | 1.38 | 1.54 | 2.46 | 2.24 |
| 10 | 1.63 | 1.39 | 2.21 | 0.66 | 1.65 | 2.67 | 2.06 | 1.85 | 1.40 | 1.67 | 2.15 | 1.95 |
| 11 | 0.90 | 1.33 | 2.05 | 0.65 | 2.05 | 2.60 | 2.01 | 1.55 | 1.39 | 1.53 | 1.23 | 1.46 |
| 12 | 0.66 | 1.20 | 1.72 | 0.93 | 1.65 | 2.57 | 1.96 | 1.89 | 1.37 | 1.26 | 0.86 | 1.28 |
| 13 | 0.43 | 0.96 | 1.72 | 1.43 | 1.54 | 2.53 | 1.80 | 2.45 | 1.22 | 0.90 | 0.91 | 1.54 |
| 14 | 0.69 | 1.05 | 1.38 | 2.24 | 1.42 | 2.62 | 1.53 | 2.34 | 1.08 | 1.04 | 1.06 | 2.33 |
| 15 | 1.15 | 1.40 | 1.60 | 1.68 | 1.19 | 2.60 | 1.43 | 1.94 | 1.16 | 1.53 | 1.92 | 1.94 |
| 16 | 1.53 | 2.18 | 1.88 | 0.65 | 1.34 | 2.70 | 1.63 | 1.27 | 1.23 | 1.67 | 2.52 | 1.22 |
| 17 | 2.03 | 1.97 | 2.45 | 0.73 | 1.78 | 2.55 | 1.77 | 1.07 | 1.43 | 1.35 | 2.85 | 1.03 |
| 18 | 2.70 | 1.68 | 3.17 | 0.90 | 1.93 | 2.33 | 1.53 | 0.87 | 1.53 | 1.13 | 2.36 | 1.18 |
| 19 | 2.90 | 1.63 | 3.27 | 1.14 | 1.86 | 2.00 | 1.92 | 0.89 | 1.58 | 1.24 | 2.38 | 1.60 |
| 20 | 3.05 | 1.88 | 3.36 | 1.37 | 1.92 | 1.83 | 2.35 | 1.01 | 1.64 | 1.46 | 1.94 | 1.76 |
| 21 | 3.36 | 2.25 | 3.48 | 1.00 | 1.95 | 1.78 | 2.79 | 1.15 | 1.89 | 1.50 | 1.55 | 1.65 |
| 22 | 3.85 | 2.69 | 3.32 | 0.79 | 1.77 | 2.00 | 2.90 | 1.16 | 2.05 | 1.80 | 1.49 | 1.75 |
| 23 | 3.84 | 2.65 | 2.98 | 0.76 | 1.65 | 2.15 | 2.65 | 1.39 | 1.84 | 2.13 | 1.70 | 1.60 |
| 24 | 3.43 | 2.58 | 3.29 | 0.55 | 2.00 | 2.07 | 2.49 | 1.48 | 2.04 | 2.31 | 1.78 | 1.66 |
| 25 | 2.97 | 2.87 | 3.33 | 0.66 | 2.03 | 2.05 | 2.35 | 1.56 | 1.73 | 2.24 | 2.06 | 1.65 |
| 26 | 2.30 | 3.20 | 3.30 | 0.73 | 2.33 | 1.70 | 2.15 | 1.83 | 1.76 | 1.88 | 2.06 | 1.58 |
| 27 | 1.63 | 4.03 | 3.28 | 0.97 | 2.50 | 1.74 | 2.10 | 1.80 | 1.74 | 1.68 | 2.05 | 1.53 |
| 28 | 1.31 | 4.35 | 3.06 | 0.68 | 2.67 | 1.97 | 1.80 | 1.61 | 1.74 | 1.27 | 1.96 | 1.17 |
| 29 | 1.04 | ----- | 2.73 | 0.64 | 2.55 | 2.18 | 1.60 | 1.50 | 1.80 | 1.21 | 1.48 | 0.23 |
| 30 | 1.01 | ----- | 2.53 | 0.98 | 2.53 | 2.30 | 1.50 | 1.67 | 1.64 | 1.25 | 1.00 | 0.53 |
| 31 | 0.94 | ----- | 1.64 | ----- | 2.33 | ----- | 1.62 | 1.84 | ----- | 1.23 | ----- | 1.15 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 1.91 | 2.06 | 2.91 | 0.95 | 1.78 | 2.23 | 1.94 | 1.46 | 1.67 | 1.48 | 1.83 | 1.45 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MAX | 3.85 | 4.35 | 4.54 | 2.24 | 2.67 | 2.80 | 2.90 | 2.45 | 2.22 | 2.31 | 2.85 | 2.33 |
| MIN | 0.43 | 0.96 | 1.38 | 0.55 | 0.87 | 1.70 | 1.32 | 0.79 | 1.08 | 0.90 | 0.86 | 0.23 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.81

HIGHEST STAGE WAS 4.54 AT 6:00 P.M. ON MAR 1 AND LATER DATE(S).

LOWEST STAGE WAS 0.04 ON DEC 29

DAILY STAGE FOR 1987

PETITE AMITE RIVER NEAR ST. PAUL, LA.

LOCATION. LAT. 30-11-19, LONG. 90-43-04. AT JUNCTION WITH NEW RIVER CANAL, 5.8 MILES SOUTHEAST OF ST. PAUL AND 7.5 MILES EAST OF SORRENTO, LA. (STA. 8525006.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. INTERMITTENTLY, 1950 TO 1951. DAILY, OCT. 5, 1951, TO DATE.

EXTREMES. HIGHEST, 4.72 FEET ON APR. 21, 1973. LOWEST, MINUS 1.60 FEET ON DEC. 29, 1956.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|--------|------|--------|--------|--------|------|--------|---------|------|-------|-------|
| 1 | | 0.80 | 3.24 | 0.57 | 0.43 | 1.89 F | 1.73 | 0.75 | 1.69 | | 1.05 | 0.45 |
| 2 | | 0.87 | 3.23 | 0.73 | 0.55 | 1.74 | 1.69 | 0.50 | 1.65 | | 1.07 | 0.63 |
| 3 | | 0.88 | 3.14 | 0.57 | 1.07 | 1.71 | 1.35 | 0.53 | 1.55 | | 1.44 | 1.04 |
| 4 | | 1.08 | 3.04 | 0.60 F | 1.45 | 1.76 | 1.05 | 0.73 | 1.48 | | 1.75 | 0.85 |
| 5 | | 1.60 | 2.85 | 0.60 | | 1.65 | 0.95 | 0.97 | 1.70 | | 1.85 | 0.85 |
| 6 | | 2.11 | 2.53 | 0.45 | | 1.63 | 1.15 | 0.93 | 1.77 | | 1.68 | 1.15 |
| 7 | | 2.25 | 2.33 | 0.50 | | 1.99 | 1.52 | 1.02 | 1.63 | | 1.70 | 1.55 |
| 8 | | 1.89 | 2.41 | 0.73 | | 2.28 | 1.78 | 1.14 | 1.30 | | 1.82 | 1.90 |
| 9 | | 1.35 | 2.13 | 0.53 | | | 1.84 | 1.18 | 0.87 | | 2.06 | 1.91 |
| 10 | | 1.03 | 1.78 | 0.36 | | F 2.30 | 1.74 | 1.27 | 0.91 | | 1.81 | 1.63 |
| 11 | | 1.00 | 1.63 | 0.34 | | 2.26 | 1.70 | 1.06 | 1.24 | | 0.93 | 1.13 |
| 12 | 1.80 | 0.86 | 1.33 | 0.63 | | 2.20 | 1.64 | 1.14 | 1.35 | | 0.56 | 1.05 |
| 13 | 1.93 | 0.65 | 1.42 | 1.15 F | 1.10 | 2.15 | 1.47 | 1.15 | 1.14 | | 0.56 | 1.29 |
| 14 | 1.93 | 0.77 | 1.05 | 1.87 | 1.08 | 2.20 | 1.18 | 0.99 | 1.14 | | 0.74 | 1.96 |
| 15 | 1.83 | 1.08 | 1.30 | 1.20 | 0.87 | 2.15 | 1.07 | 1.05 | 1.13 | | 1.57 | 1.62 |
| 16 | 1.43 | 1.68 | | 0.14 | 1.02 | 2.15 | 1.28 | 1.03 | 1.15 | | 2.09 | 0.85 |
| 17 | 1.27 | 1.38 | | 0.28 | 1.45 | 2.10 | 1.42 | 0.83 | 1.36 | | 2.41 | 0.73 |
| 18 | 1.53 | 0.96 | | 0.50 | 1.60 | 1.90 | 1.20 | 0.68 | 1.37 | | 2.05 | 0.93 |
| 19 | 1.14 | 1.00 F | 2.69 | 0.75 | 1.55 | 1.61 | 1.63 | 0.70 | 1.21 | | 2.04 | 1.30 |
| 20 | 1.73 | 1.54 | 2.67 | 0.98 | 1.59 | 1.44 | 2.01 | 0.87 | 1.40 | | 1.62 | 1.46 |
| 21 | 1.54 | 1.93 | 2.65 | 0.60 | 1.63 F | 1.43 | 2.43 | 0.75 F | 1.55 | | 1.26 | 1.50 |
| 22 | 1.33 | 2.27 | 2.59 | 0.44 | 1.49 | 1.55 | 2.55 | 0.95 | | | 1.21 | 1.49 |
| 23 | 1.38 | 2.12 | 2.50 | 0.48 | 1.29 | 1.73 | 2.34 | 0.97 | | | 1.39 | 1.36 |
| 24 | 1.43 | 1.97 | 2.80 | 0.30 | 1.64 | 1.65 | 2.18 | 0.96 | | | 1.48 | 1.44 |
| 25 | 1.27 | 2.19 | 2.79 | 0.42 | 1.71 | 1.57 | 2.04 | 1.13 | | | 1.68 | 1.40 |
| 26 | | 2.53 | 2.70 | 0.42 | 1.97 F | 1.44 | 1.85 | 1.47 | | | 1.71 | 1.35 |
| 27 | | 2.98 | 2.67 | 0.60 | 2.13 | 1.29 | 1.78 | 1.26 | | | 1.73 | 1.29 |
| 28 | | 3.18 | 2.60 | 0.35 | 2.27 | 1.60 | 1.46 | 1.15 | | | 1.67 | 0.82 |
| 29 | 0.70 | ----- | 2.39 | 0.23 | 2.20 | | 1.19 | 1.42 | | | 1.15 | -0.07 |
| 30 | 0.63 | ----- | 2.20 | 0.54 | 2.19 | | 1.14 | 1.60 | | | 0.64 | 0.33 |
| 31 | 0.59 | ----- | 1.33 | ----- | 2.00 | ----- | 1.24 | 1.62 | ----- F | 0.90 | ----- | 0.96 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 1.38 | 1.57 | 2.36 | 0.60 | 1.49 | 1.83 | 1.60 | 1.03 | 1.36 | 0.90 | 1.49 | 1.17 |
| MAX | 1.93 | 3.18 | 3.24 | 1.87 | 2.27 | 2.30 | 2.55 | 1.62 | 1.77 | 0.90 | 2.41 | 1.96 |
| MIN | 0.59 | 0.65 | 1.05 | 0.14 | 0.43 | 1.29 | 0.95 | 0.50 | 0.87 | 0.90 | 0.56 | -0.07 |
| DAYS | 17 | 28 | 28 | 30 | 23 | 27 | 31 | 31 | 21 | 1 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 298

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.43.

HIGHEST STAGE WAS 3.24 AT 8.00 A.M. ON MAR 1

LOWEST STAGE WAS MINUS 0.27 ON DEC 29.

DAILY STAGE FOR 1987

RESERVE CANAL NEAR LAKE MAUREPAS (LA.)

LOCATION. LAT. 30-10-08, LONG. 90-33-00. ON WEST BANK OF CANAL ABOUT 0.3 MILE FROM LAKE MAUREPAS.
(STA. 8527506.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JAN. 1979 TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 5.50 FEET (CAUSED BY HURRICANE) ON OCT. 30, 1985.
LOWEST, MINUS 1.14 FEET ON MAR. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1970 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.40 | 0.63 | 2.54 | 0.23 | 0.34 | 1.64 | 1.52 | 0.60 | 1.40 | 1.15 | 1.07 | 0.40 |
| 2 | 1.15 | 0.77 | 2.27 | 0.50 | 0.38 | 1.50 | 1.36 | 0.37 | 1.39 | 1.11 | 1.10 | 0.57 |
| 3 | 0.95 | 0.74 | 2.15 | 0.48 | 0.87 | 1.47 | 1.09 | 0.44 | 1.36 | 1.15 | 1.47 | 0.95 |
| 4 | 1.65 | 0.94 | 2.11 | 0.43 | 1.28 | 1.50 | 0.88 | 0.58 | 1.33 | 1.06 | 1.83 | 0.80 |
| 5 | 1.38 | 1.48 | 1.96 | 0.43 | 1.27 | 1.44 | 0.83 | 0.80 | 1.55 | 1.11 | 1.95 | 0.75 |
| 6 | 0.98 | 2.06 | 1.90 | 0.35 | 1.03 | 1.40 | 1.00 | 0.70 | 1.72 | 0.88 | 1.74 | 1.05 |
| 7 | 0.78 | 2.06 | 2.09 | 0.35 | 1.05 | 1.86 | 1.39 | 0.83 | 1.64 | 0.75 | 1.75 | 1.38 |
| 8 | 1.00 | 1.55 | 2.22 | 0.57 | 0.94 | 2.08 | 1.66 | 1.00 | 1.40 | 0.90 | 1.90 | 1.87 |
| 9 | 1.14 | 1.06 | 1.67 | 0.39 | 0.72 | 2.19 | 1.53 | 1.17 | 0.93 | 1.18 | 2.12 | 1.94 |
| 10 | 1.10 | 0.82 | 1.35 | 0.24 | 1.22 | 2.07 | 1.45 | 1.26 | 0.90 | 1.42 | 1.74 | 1.60 |
| 11 | 0.46 | 0.83 | 1.32 | 0.20 | 1.53 | 1.95 | 1.42 | 1.03 | 0.95 | 1.25 | 1.04 | 1.12 |
| 12 | 0.17 | 0.74 | 1.10 | 0.46 | 1.17 | 1.91 | 1.38 | 0.54 | 1.00 | 0.97 | 0.60 | 0.97 |
| 13 | -0.04 | 0.55 | 1.23 | 1.03 | 1.07 | 1.89 | 1.26 | 0.35 | 0.79 | 0.62 | 0.58 | 1.13 |
| 14 | 0.17 | 0.60 | 0.85 | 1.63 | 0.93 | 1.83 | 0.99 | 0.24 | 0.67 | 0.68 | 0.75 | 1.94 |
| 15 | 0.65 | 0.87 | 1.06 | 0.90 | 0.73 | 1.82 | 0.90 | 0.47 | 0.72 | 1.19 | 1.56 | 1.75 |
| 16 | 0.93 | 1.39 | 1.39 | -0.02 | 0.82 | 1.76 | 1.06 | 0.64 | 0.84 | 1.25 | 2.07 | 0.92 |
| 17 | 1.45 | 1.05 | 1.87 | 0.15 | 1.24 | 1.45 | 1.23 | 0.54 | 1.04 | 0.98 | 2.33 | 0.70 |
| 18 | 1.85 | 0.68 | 2.52 | 0.41 | 1.34 | 1.35 | 1.08 | 0.40 | 1.13 | 0.75 | 2.03 | 0.80 |
| 19 | 1.50 | 0.72 | 2.41 | 0.57 | 1.30 | 1.07 | 1.47 | 0.38 | 1.17 | 0.89 | 2.09 | 1.14 |
| 20 | 1.12 | 1.28 | 2.38 | 0.82 | 1.40 | 1.01 | 1.88 | 0.55 | 1.24 | 1.12 | 1.60 | 1.35 |
| 21 | 1.25 | 1.80 | 2.32 | 0.54 | 1.45 | 1.13 | 2.40 | 0.65 | 1.47 | 1.26 | 1.20 | 1.32 |
| 22 | 1.70 | 2.12 | 2.15 | 0.32 | 1.29 | 1.23 | 2.28 | 0.68 | 1.65 | 1.45 | 1.17 | 1.36 |
| 23 | 1.34 | 1.71 | 2.25 | 0.34 | 1.08 | 1.40 | 2.03 | 0.93 | 1.44 | 1.83 | 1.34 | 1.22 |
| 24 | 1.10 | 1.70 | 2.63 | 0.15 | 1.45 | 1.39 | 1.87 | 1.01 | 1.63 | 1.92 | 1.50 | 1.34 |
| 25 | 1.32 | 1.99 | 2.50 | 0.22 | 1.44 | 1.27 | 1.74 | 1.05 | 1.35 | 1.88 | 1.72 | 1.30 |
| 26 | 0.95 | 2.28 | 2.45 | 0.29 | 1.65 | 1.05 | 1.60 | 1.27 | 1.36 | 1.54 | 1.74 | 1.27 |
| 27 | 0.53 | 2.54 | 2.43 | 0.48 | 1.84 | 1.12 | 1.50 | 1.30 | 1.32 | 1.52 | 1.74 | 1.20 |
| 28 | 0.50 | 2.55 | 2.21 | 0.25 | 1.97 | 1.36 | 1.24 | 1.10 | 1.37 | 1.03 | 1.70 | 1.00 |
| 29 | 0.47 | ----- | 2.07 | 0.13 | 1.92 | 1.60 | 1.00 | 1.10 | 1.42 | 0.90 | 1.15 | 0.04 |
| 30 | 0.55 | ----- | 1.90 | 0.43 | 1.90 | 1.65 | 0.98 | 1.27 | 1.37 | 0.90 | 0.70 | 0.10 |
| 31 | 0.48 | ----- | 0.91 | ----- | 1.75 | ----- | 0.98 | 1.37 | ----- | 0.92 | ----- | 0.80 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|------|------|------|------|------|------|------|------|
| MEAN | 0.97 | 1.34 | 1.94 | 0.44 | 1.24 | 1.55 | 1.39 | 0.79 | 1.25 | 1.15 | 1.51 | 1.10 |
| MAX | 1.85 | 2.55 | 2.63 | 1.63 | 1.97 | 2.19 | 2.40 | 1.37 | 1.72 | 1.92 | 2.33 | 1.94 |
| MIN | -0.04 | 0.55 | 0.85 | -0.02 | 0.34 | 1.01 | 0.83 | 0.24 | 0.67 | 0.62 | 0.58 | 0.04 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.22

HIGHEST STAGE WAS 2.75 AT 8:30 A.M. ON FEB 28.

LOWEST STAGE WAS MINUS 0.19 ON DEC 29.

DAILY STAGE FOR 1987

TICKFAN RIVER NEAR SPRINGFIELD, LA.

LOCATION. LAT. 30-22-36, LONG. 90-33-02. HIGHWAY 22 (ROME FERRY) BRIDGE, 3.7 MILES SOUTH OF
SPRINGFIELD. (STA. 8530006.)

GAUGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAY 22, 1947, TO DATE.

EXTREMES. HIGHEST, 6.46 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 1.43 FEET ON
DEC. 19, 1954.

DAILY EIGHT A.M. STAGE IN FEET

GAUGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.83 | 1.16 | 3.69 | 0.74 | 0.81 | 2.17 | 2.08 | 1.08 | 1.74 | 1.45 | 1.38 | 0.88 |
| 2 | 1.58 | 1.29 | 3.38 | 0.98 | 0.95 | 2.01 | 1.90 | 0.86 | 1.83 | 1.43 | 1.40 | 0.94 |
| 3 | 1.48 | 1.24 | 3.09 | 0.70 | 1.37 | 1.97 | 1.70 | 0.86 | 1.76 | 1.10 | 1.76 | 1.46 |
| 4 | 1.91 | 1.45 | 2.78 | 0.80 | 1.75 | 2.04 | 1.45 | 1.10 | 1.74 | 1.24 | 2.18 | 1.19 |
| 5 | 1.83 | 1.86 | 2.57 | 0.70 | 1.78 | 1.87 | 1.40 | 1.26 | 1.95 | 1.44 | 2.28 | 1.10 |
| 6 | 1.43 | 2.51 | 2.40 | 0.72 | 1.54 | 1.88 | 1.56 | 1.23 | 2.17 | 1.26 | 2.05 | 1.49 |
| 7 | 1.28 | 2.57 | 2.40 | 0.76 | 1.54 | 2.36 | 1.82 | 1.37 | 2.13 | 1.07 | 2.13 | 1.92 |
| 8 | 1.43 | 2.10 | 2.83 | 1.02 | 1.40 | 2.60 | 2.10 | 1.50 | 1.85 | 1.23 | 2.25 | 2.31 |
| 9 | 1.62 | 1.30 | 2.25 | 0.78 | 1.20 | 2.76 | 2.07 | 1.65 | 1.37 | 1.53 | 2.50 | 2.32 |
| 10 | 1.61 | 1.35 | 1.77 | 0.65 | 1.70 | 2.60 | 1.98 | 1.87 | 1.38 | 1.65 | 2.15 | 1.95 |
| 11 | 0.80 | 1.36 | 1.75 | 0.68 | 2.05 | 2.60 | 1.95 | 1.63 | 1.39 | 1.52 | 1.10 | 1.55 |
| 12 | 0.64 | 1.28 | 1.55 | 1.01 | 1.65 | 2.53 | 1.90 | 1.78 | 1.43 | 1.15 | 0.87 | 1.38 |
| 13 | 0.46 | 1.05 | 1.70 | 1.60 | 1.57 | 2.53 | 1.75 | 1.22 | 1.25 | 0.80 | 0.94 | 1.50 |
| 14 | 0.65 | 1.13 | 1.40 | 2.20 | 1.53 | 2.42 | 1.50 | 0.82 | 1.12 | 0.96 | 1.15 | 2.43 |
| 15 | 1.15 | 1.40 | 1.64 | 1.55 | 1.22 | 2.34 | 1.35 | 1.00 | 1.17 | 1.49 | 1.94 | 1.88 |
| 16 | 1.40 | 1.98 | 1.95 | 0.45 | 1.30 | 2.36 | 1.59 | 1.20 | 1.30 | 1.60 | 2.60 | 1.18 |
| 17 | 1.85 | 1.54 | 2.54 | 0.65 | 1.80 | 2.07 | 1.77 | 1.07 | 1.47 | 1.33 | 2.75 | 0.98 |
| 18 | 2.42 | 1.09 | 3.32 | 0.87 | 1.93 | 2.00 | 1.55 | 0.90 | 1.53 | 1.14 | 2.15 | 1.13 |
| 19 | 2.09 | 1.15 | 3.10 | 1.09 | 1.88 | 1.65 | 1.93 | 0.94 | 1.54 | 1.26 | 2.38 | 1.58 |
| 20 | 1.56 | 1.67 | 2.94 | 1.34 | 1.93 | 1.63 | 2.30 | 1.05 | 1.48 | 1.47 | 1.85 | 1.79 |
| 21 | 1.70 | 2.23 | 2.94 | 0.98 | 1.95 | 1.65 | 2.90 | 1.17 | 1.76 | 1.30 | 1.53 | 1.65 |
| 22 | 2.57 | 2.70 | 2.74 | 0.75 | 1.77 | 1.72 | 2.88 | 1.18 | 1.90 | 1.58 | 1.54 | 1.80 |
| 23 | 2.25 | 2.20 | 2.86 | 0.74 | 1.55 | 1.93 | 2.57 | 1.43 | 1.73 | 2.06 | 1.76 | 1.68 |
| 24 | 1.76 | 2.10 | 3.25 | 0.46 | 1.90 | 1.92 | 2.38 | 1.45 | 1.90 | 2.28 | 1.90 | 1.80 |
| 25 | 1.89 | 2.55 | 2.95 | 0.56 | 1.97 | 1.84 | 2.25 | 1.55 | 1.71 | 2.22 | 2.14 | 1.77 |
| 26 | 1.43 | 2.98 | 2.87 | 0.70 | 2.14 | 1.55 | 2.07 | 1.87 | 1.74 | 1.87 | 2.13 | 1.67 |
| 27 | 1.05 | 3.50 | 2.87 | 0.95 | 2.43 | 1.53 | 1.99 | 1.85 | 1.67 | 1.57 | 2.13 | 1.64 |
| 28 | 0.95 | 3.78 | 2.65 | 0.70 | 2.60 | 1.85 | 1.70 | 1.60 | 1.72 | 1.30 | 1.90 | 1.20 |
| 29 | 1.01 | ----- | 2.54 | 0.60 | 2.45 | 2.06 | 1.53 | 1.54 | 1.82 | 1.25 | 1.48 | 0.25 |
| 30 | 1.05 | ----- | 2.16 | 0.96 | 2.47 | 2.25 | 1.48 | 1.74 | 1.53 | 1.27 | 1.05 | 0.49 |
| 31 | 0.95 | ----- | 1.18 | ----- | 2.25 | ----- | 1.54 | 1.65 | ----- | 1.25 | ----- | 1.25 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.47 | 1.88 | 2.52 | 0.89 | 1.75 | 2.09 | 1.90 | 1.34 | 1.64 | 1.42 | 1.85 | 1.49 |
| MAX | 2.57 | 3.78 | 3.69 | 2.20 | 2.60 | 2.76 | 2.90 | 1.87 | 2.17 | 2.28 | 2.75 | 2.43 |
| MIN | 0.46 | 1.05 | 1.18 | 0.45 | 0.81 | 1.53 | 1.35 | 0.82 | 1.12 | 0.80 | 0.87 | 0.25 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.68.

HIGHEST STAGE WAS 3.86 AT 9:00 A.M. ON FEB 28.

LOWEST STAGE WAS 0.03 ON DEC 29.

DAILY STAGE FOR 1987

PONCHATOULA CREEK AT HAMMOND, LA.

LOCATION. LAT. 30-30-24, LONG. 90-26-50. ON U. S. HIGHWAY 190 BRIDGE. (STA. 8532506.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. APR. 15, 1948, TO DATE.

EXTREMES. HIGHEST, 39.11 FEET ON APR. 21, 1977 LOWEST, CHANNEL DRY ON OCT. 7, 1957, AND LATER DATES.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | | | F 22.05 | | | F 20.22 | | F 21.60 | F 20.35 | | | F 20.15 |
| 2 | | F 20.97 | F 20.89 | | | | | | | | | |
| 3 | | | | | | | | | | | F 20.10 | |
| 4 | | | | | 20.25 | | | F 20.25 | | | | |
| 5 | 21.20 | | | | | | | H 26.31 | | | | |
| 6 | | H 25.00 | | F 20.29 | | | 20.34 | 22.46 | | 20.06 | | |
| 7 | | 22.12 | | | | | | 21.79 | | | | |
| 8 | | 21.85 | H 22.28 | | | F 20.30 | | | | | | F 20.15 |
| 9 | | 21.78 | F 21.15 | | | | | | | | F 20.35 | |
| 10 | | | | | | | | | F 20.40 | | | |
| 11 | | | | | | | | F 20.20 | | | | |
| 12 | | | | | H 22.28 | | | H 34.84 | | | | |
| 13 | F 20.50 | | | F 20.25 | 22.00 | H 24.50 | | 23.10 | | | | |
| 14 | F 20.70 | | | H 26.70 | 21.64 | H 24.90 | F 20.20 | 21.87 | F 20.13 | F 20.05 | | |
| 15 | 20.90 | H 26.47 | | 22.05 | | | | | | | | F 20.23 |
| 16 | H 22.75 | 22.25 | F 20.35 | 21.90 | | | | | | | H 23.60 | |
| 17 | | 21.50 | 20.92 | F 21.65 | | | | F 20.31 | | | | |
| 18 | H 26.51 | | H 28.54 | 21.57 | | | | | | | | |
| 19 | F 21.53 | | | | F 20.26 | H 27.62 | | | | | | |
| 20 | F 22.10 | | | | | 22.17 | F 20.27 | | | | | |
| 21 | H 27.09 | | | F 20.27 | | | | | | | | H 22.19 |
| 22 | 23.20 | | | | H 27.46 | F 20.81 | | | F 20.12 | F 20.05 | | F 20.85 |
| 23 | | F 21.95 | 20.39 | | 22.30 | | | | | | | |
| 24 | | 21.82 | H 22.20 | | 21.98 | | | F 20.12 | | | F 20.12 | |
| 25 | | 22.96 | 21.88 | | 21.65 | | | | | | | |
| 26 | F 20.83 | 23.40 | | | F 20.45 | | | | | | | |
| 27 | | H 34.03 | | F 20.22 | | | F 20.43 | | | F 20.21 | | |
| 28 | | 20.75 | | | | | | | | | | F 20.22 |
| 29 | | ----- | | | | F 20.17 | | F 21.58 | F 20.10 | | | |
| 30 | | ----- | F 20.81 | ----- | | | H 24.86 | H 22.49 | | | | |
| 31 | | ----- | | ----- | | | 22.01 | | ----- | | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 22.40 | 23.30 | 22.02 | 21.66 | 22.03 | 22.59 | 21.35 | 22.84 | 20.22 | 20.09 | 21.04 | 20.63 |
| MAX | 27.09 | 34.03 | 28.54 | 26.70 | 27.46 | 27.62 | 24.86 | 34.84 | 20.40 | 20.21 | 23.60 | 22.19 |
| MIN | 20.50 | 20.75 | 20.35 | 20.22 | 20.25 | 20.17 | 20.20 | 20.12 | 20.10 | 20.05 | 20.10 | 20.15 |
| DAYS | 12 | 14 | 11 | 9 | 10 | 8 | 6 | 13 | 5 | 4 | 4 | 6 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 102

F=NOT AT STATED TIME H=PEAK STAGE

HIGHEST STAGE WAS 34.84 AT 7:00 A.M. ON AUG 12.

LOWEST STAGE WAS 20.05 ON OCT 14 AND LATER DATE(S).

DAILY STAGE FOR 1987

PONCHATOULA CREEK NEAR PONCHATOULA, LA.

LOCATION. LAT. 30-27-21, LONG. 90-27-24. U. S. HIGHWAY 51 BRIDGE, 1.7 MILES NORTHWEST OF
PONCHATOULA. (STA. 8535006.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

RECORDS AVAILABLE. APR. 1, 1948, TO DATE.

EXTREMES. HIGHEST, 17.37 FEET ON JUNE 7, 1950. LOWEST, MINUS 0.93 FOOT ON JUNE 27, 1977.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|----------|----------|--------|--------|----------|----------|----------|---------|----------|--------|--------|--------|
| 1 | | | 3.12 | | | F 1.45 | | | F 1.02 | | | |
| 2 | | F 0.90 | 2.50 | | | | | | | | | |
| 3 | H 5.33 | | | | | | | | | | F 1.05 | |
| 4 | H 4.55 | | | | F 1.03 | | | F 0.25 | | | | |
| 5 | F 1.28 | | | | | | | H 7.41 | | | | |
| 6 | | H 5.51 | | | | | 0.77 F | 2.07 | | F 0.48 | | |
| 7 | | 2.97 F | 2.08 | | | | | | | | | |
| 8 | | | H 2.80 | | | F 1.87 | | | | | | F 1.58 |
| 9 | | F 0.19 F | 1.26 | | | | | | | | F 1.78 | |
| 10 | | | | | | | | | F 0.72 | | | |
| 11 | | | | | | | | F 0.90 | | | | |
| 12 | | | | | H 3.08 | H 2.80 | | H 13.29 | | | | |
| 13 | | | | F 0.85 | | H 4.00 | | | | | | |
| 14 | | | | H 6.95 | | H 3.32 F | 0.55 | 4.50 | F 0.32 | B | | |
| 15 | | H 7.24 | | | | F 2.31 | | | | | | F 0.95 |
| 16 | H 3.43 | 3.00 F | 1.20 | | | F 2.15 | | | | | H 4.55 | |
| 17 | F 2.05 F | 1.00 F | 2.10 | | | | | F 0.35 | | | 2.30 | |
| 18 | H 7.53 | | | | | | | | | | | |
| 19 | F 2.17 | | H 2.52 | | F 1.04 | H 7.40 | | | | | | |
| 20 | | | | | | 2.40 F | 1.50 | | | | | |
| 21 | F 1.46 | 1.97 | | | | F 2.20 | 2.10 | | | | H 2.39 | |
| 22 | H 8.03 H | 3.93 | | | H 4.60 F | 1.00 | 2.13 | | F 1.15 F | 0.77 | F 1.20 | |
| 23 | F 1.78 | | 2.05 | | 2.10 | | | | | | | |
| 24 | | F 1.75 H | 3.30 | | | | | F 0.70 | | | F 1.15 | |
| 25 | | 3.25 | 2.35 | | | | | | | | | |
| 26 | F 0.71 | 4.32 | | | F 1.47 | | | | | | | |
| 27 | | H 13.40 | | | | | F 1.30 | | | F 0.77 | | |
| 28 | | 5.15 | | | | | | | | | | |
| 29 | | ----- H | 2.45 | | | F 1.24 | H 3.85 F | 1.05 | | | | |
| 30 | | ----- F | 1.51 | | | | H 3.37 | | | | | |
| 31 | | ----- | | ----- | | ----- F | 2.03 | | ----- | | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|-------|------|------|------|------|------|-------|------|------|------|------|
| MEAN | 3.48 | 3.90 | 2.25 | 3.90 | 2.22 | 2.68 | 1.72 | 3.70 | 0.85 | 0.67 | 2.17 | 1.53 |
| MAX | 8.03 | 13.40 | 3.30 | 6.95 | 4.60 | 7.40 | 3.37 | 13.29 | 1.15 | 0.77 | 4.55 | 2.39 |
| MIN | 0.71 | 0.19 | 1.20 | 0.85 | 1.03 | 1.00 | 0.55 | 0.25 | 0.32 | 0.48 | 1.05 | 0.95 |
| DAYS | 11 | 14 | 13 | 2 | 6 | 12 | 8 | 9 | 5 | 3 | 5 | 4 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 92

B=CHANNEL DRY F=NOT AT STATED TIME H=PEAK STAGE

HIGHEST STAGE WAS 13.40 AT 7:00 A.M. ON FEB 27.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

YELLOW WATER RIVER CANAL NEAR HAMMOND, LA.

LOCATION. LAT. 30-30-19, LONG. 90-30-25. ON U. S. HIGHWAY 190 BRIDGE. (STA. 8540006.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. CHANNEL WAS DREDGED IN 1953 AND 1954. PRIOR TO 1980 GAGE WAS 500 FEET UPSTREAM.

RECORDS AVAILABLE. APR. 9, 1948, TO DATE.

EXTREMES. HIGHEST, 36.99 FEET ON SEP. 27, 1964. LOWEST, CHANNEL DRY ON FEB. 12, 1955, AND LATER DATES.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | 19.80 | 19.92 | 22.48 | 20.20 | 19.86 | 19.72 | 20.02 | 20.50 | 19.75 | 19.60 | 19.53 | 19.60 |
| 2 | 19.72 H | 22.21 | 20.92 | 20.10 | 19.82 | 19.78 | 20.36 | 19.83 | 19.67 | 19.60 | 19.51 | 19.60 |
| 3 | H 26.32 | 20.70 | 20.42 H | 20.70 | 19.80 H | 20.59 H | 22.93 | 19.71 | 19.64 | 19.60 | 19.50 | 19.59 |
| 4 | 24.02 | 20.12 | 20.18 | 20.25 | 19.80 H | 21.80 H | 22.46 | 20.35 | 19.63 | 19.61 | 19.56 | 19.59 |
| 5 | 21.01 | 21.79 | 20.08 | 20.19 H | 21.04 | 19.95 | 20.82 | 23.13 | 19.64 | 19.60 | 19.55 | 19.60 |
| 6 | 20.25 H | 27.34 | 20.00 | 20.20 H | 20.90 | 19.78 | 19.98 | 21.53 | 19.61 | 19.62 | 19.53 | 19.60 |
| 7 | 20.02 | 23.21 | 20.05 | 20.18 | 20.08 | 19.75 | 20.28 | 20.25 | 19.60 | 19.60 | 19.57 | 19.60 |
| 8 | 19.90 | 20.97 H | 23.46 | 20.08 | 19.88 | 19.78 H | 21.37 | 19.93 | 19.58 | 19.65 | 19.58 | 19.60 |
| 9 | H 20.57 | 20.27 | 21.35 | 20.02 | 19.88 | 19.78 | 20.36 | 19.82 H | 20.95 | 19.62 | 19.68 | 19.60 |
| 10 | 20.22 | 20.15 | 20.45 | 19.98 | 19.88 | 19.75 | 19.94 | 19.78 | 19.88 | 19.62 | 19.60 | 19.59 |
| 11 | 19.90 | 20.04 | 20.12 | 19.98 | 19.82 | 19.80 | 19.81 | 19.73 | 19.66 | 19.55 | 19.59 | 19.59 |
| 12 | 19.77 | 20.00 | 20.00 | 19.98 H | 20.67 H | 22.35 | 19.77 H | 27.83 | 19.68 | 19.54 | 19.55 | 19.59 |
| 13 | 19.74 | 19.98 | 19.98 | 19.92 | 20.02 H | 25.23 | 19.72 | 23.10 | 19.62 | 19.60 | 19.59 | 19.58 |
| 14 | 20.02 | 19.98 | 19.95 H | 27.18 | 19.78 H | 25.23 | 19.72 | 21.06 | 19.62 | 19.64 | 19.55 | 19.58 |
| 15 | 20.68 H | 28.55 | 19.88 | 21.17 | 19.78 | 22.10 | 19.70 | 20.20 | 19.59 | 19.60 | 19.54 H | 19.98 |
| 16 | H 24.74 | 23.20 | 19.82 | 20.37 | 19.78 | 21.45 | 19.70 | 19.92 | 19.58 | 19.58 H | 22.69 | 19.60 |
| 17 | 21.94 | 20.95 | 19.82 | 20.13 H | 21.88 | 20.98 | 19.70 | 19.80 H | 21.50 | 19.60 | 21.05 | 19.56 |
| 18 | H 28.84 | 20.38 H | 27.23 | 20.03 | 20.60 | 20.60 | 19.70 | 19.72 H | 21.80 | 19.57 | 19.82 | 19.57 |
| 19 | 21.72 | 20.12 | 21.44 | 20.00 | 19.85 H | 24.82 | 19.70 | 19.78 | 20.24 | 19.58 | 19.67 | 19.58 |
| 20 | 20.60 | 20.06 | 20.48 | 19.95 | 19.80 | 21.10 | 19.73 | 19.68 | 19.81 | 19.62 | 19.62 | 19.62 |
| 21 | H 29.90 | 22.25 | 20.15 | 19.96 | 19.76 | 20.20 | 19.71 | 19.68 | 19.63 | 19.59 | 19.61 H | 22.12 |
| 22 | 25.72 H | 25.18 F | 20.00 H | 19.92 H | 25.72 | 20.05 | 19.83 | 19.70 | 19.61 | 19.65 | 19.60 H | 20.80 |
| 23 | 21.40 | 21.85 F | 20.14 | 19.90 | 21.40 | 19.92 | 19.74 | 19.66 | 19.58 | 19.68 | 19.60 | 19.88 |
| 24 | 20.54 | 21.60 H | 25.84 | 19.90 | 20.22 | 19.85 | 19.68 | 19.63 | 19.58 | 19.65 | 19.58 | 19.73 |
| 25 | 21.30 | 25.08 | 21.18 | 19.90 | 19.98 | 19.90 | 19.69 | 19.57 | 19.55 | 19.55 | 19.55 | 19.70 |
| 26 | 20.50 | 25.60 | 20.48 | 19.88 | 19.87 H | 21.80 | 19.67 | 19.55 | 19.58 H | 20.00 H | 21.55 | 19.65 |
| 27 | 20.17 H | 33.65 | 20.30 | 19.88 H | 19.94 | 20.20 | 19.73 | 19.58 | 19.60 | 19.73 | 19.78 | 19.60 |
| 28 | 20.03 | 26.60 | 20.28 | 19.86 | 19.80 | 19.82 H | 21.07 | 19.58 | 19.59 | 19.63 H | 21.07 | 19.60 |
| 29 | 20.02 | ----- H | 21.40 | 19.88 | 19.76 | 19.78 | 19.97 H | 21.31 | 19.60 | 19.60 | 19.82 | 19.60 |
| 30 | 19.96 | ----- | 20.80 | 19.85 | 19.78 | 19.74 H | 23.65 | 19.98 | 19.60 | 19.54 | 19.65 | 19.60 |
| 31 | 19.95 | ----- | 20.38 | ----- | 19.78 | ----- | 21.18 | 20.09 | ----- | 19.54 | ----- | 19.60 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 21.59 | 22.56 | 20.94 | 20.32 | 20.29 | 20.85 | 20.31 | 20.45 | 19.83 | 19.62 | 19.87 | 19.75 |
| MAX | 29.90 | 33.65 | 27.23 | 27.18 | 25.72 | 25.23 | 23.65 | 27.83 | 21.80 | 20.00 | 22.69 | 22.12 |
| MIN | 19.72 | 19.92 | 19.82 | 19.85 | 19.76 | 19.72 | 19.67 | 19.55 | 19.55 | 19.54 | 19.50 | 19.56 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

F=NOT AT STATED TIME H=PEAK STAGE

THE MEAN STAGE FOR THE YEAR WAS 20.52

HIGHEST STAGE WAS 33.65 AT 3:30 A. M. ON FEB 27

LOWEST STAGE WAS 19.49 ON NOV 3

DAILY STAGE FOR 1987

PASS MANCHAC NEAR PONCHATOULA, LA.

LOCATION LAT. 30-16-53, LONG 90-24-01. ON PILING 60 FEET EAST OF SOUTH END OF U. S. HIGHWAY
51 BRIDGE, NINE MILES SOUTH OF PONCHATOULA. (STA. 8542006.)

GAGE STAFF TYPE.

GENERAL INFORMATION. ON MAR. '8, 1977 GAGE WAS RAISED 0.48 FOOT TO AGREE WITH NEW BENCHMARK
ELEVATIONS. STAGES FROM JAN. 1 THRU MAR. 17 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. JULY 11, 1955 TO DATE.

EXTREMES. HIGHEST, 5.40 FEET (CAUSED BY HURRICANE) ON OCT. 30, 1985. LOWEST, MINUS 2.00 FEET ON
JAN. 21, 1961.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1969 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.53 | 0.93 | 2.23 | 0.23 | 0.53 | 1.70 | 1.20 | 0.60 | 1.30 | 1.10 | 1.10 | 1.00 |
| 2 | 1.43 | 0.93 | 2.23 | 0.53 | 0.43 | 1.60 | 1.30 | 0.40 | 1.40 | 1.20 | 1.10 | 0.90 |
| 3 | 1.23 | 1.03 | 2.03 | 0.23 | 1.03 | 1.40 | 1.30 | 0.50 | 1.40 | 0.80 | 1.30 | 1.00 |
| 4 | 1.63 | 1.03 | 1.83 | 0.33 | 1.43 | 1.50 | 1.00 | 0.60 | 1.30 | 1.00 | 1.50 | 0.70 |
| 5 | 1.43 | 1.63 | 1.73 | 0.43 | 1.43 | 1.40 | 0.80 | 0.80 | 1.50 | 1.00 | 1.40 | 0.80 |
| 6 | 1.03 | 2.63 | 1.83 | 0.23 | 1.33 | 1.40 | 1.10 | 0.40 | 1.70 | 0.90 | 1.60 | 0.70 |
| 7 | 0.83 | 2.03 | 1.93 | 0.33 | 1.03 | 1.90 | 1.40 | 0.20 | 1.70 | 0.50 | 1.80 | 1.10 |
| 8 | 1.13 | 1.63 | 2.43 | 0.63 | 0.93 | 2.10 | 1.70 | 1.00 | 1.40 | 0.70 | 1.90 | 1.50 |
| 9 | 1.23 | 0.93 | 1.63 | 0.63 | 0.73 | 2.20 | 1.20 | 1.30 | 1.10 | 0.50 | 2.10 | 1.80 |
| 10 | 1.13 | 0.93 | 1.33 | 0.73 | 1.23 | 2.00 | 1.50 | 1.30 | 0.90 | 0.30 | 1.70 | 1.50 |
| 11 | 0.23 | 1.03 | 1.23 | 0.33 | 1.63 | 2.00 | 1.50 | 1.10 | 1.20 | 1.00 | 1.00 | 1.30 |
| 12 | 0.23 | 0.93 | 1.23 | 0.63 | 1.23 | 2.00 | 1.50 | 0.30 | 1.20 | 0.50 | 0.90 | 1.10 |
| 13 | 0.23 | 0.73 | 1.33 | 0.93 | 1.13 | 1.90 | 1.20 | 0.30 | 1.30 | 0.40 | 0.70 | 1.20 |
| 14 | 0.43 | 0.93 | 1.03 | 1.53 | 1.03 | 1.80 | 1.10 | 0.10 | 1.20 | 0.60 | 0.70 | 1.40 |
| 15 | 0.73 | 1.03 | 1.23 | 1.53 | 0.83 | 1.80 | 0.80 | 0.40 | 1.20 | 1.10 | 0.90 | 1.40 |
| 16 | 1.13 | 0.83 | 1.53 | 0.93 | 0.83 | 1.90 | 1.10 | 0.70 | 1.30 | 1.20 | 1.50 | 1.20 |
| 17 | 1.43 | 0.83 | 1.43 | 0.33 | 1.23 | 1.50 | 1.30 | 0.60 | 1.40 | 1.10 | 2.20 | 1.10 |
| 18 | 2.13 | 0.83 | 1.63 | 0.23 | 1.53 | 1.30 | 1.10 | 0.40 | 1.40 | 0.90 | 2.10 | 0.90 |
| 19 | 1.23 | 0.83 | 1.43 | 0.73 | 1.33 | 1.10 | 1.60 | 0.50 | 1.30 | 0.90 | 1.80 | 1.10 |
| 20 | 1.23 | 1.33 | 2.33 | 0.53 | 1.43 | 1.10 | 1.80 | 0.60 | 1.30 | 1.00 | 1.50 | 0.80 |
| 21 | 1.33 | 1.83 | 2.43 | 0.43 | 1.53 | 1.20 | 2.50 | 0.60 | 1.10 | 1.20 | 1.20 | 1.10 |
| 22 | 1.53 | 2.43 | 2.13 | 0.23 | 1.33 | 1.20 | 2.40 | 0.70 | 1.40 | 1.40 | 1.40 | 1.20 |
| 23 | 1.33 | 1.73 | 2.33 | 0.43 | 1.13 | 1.50 | 2.00 | 1.00 | 1.40 | 1.30 | 1.60 | 1.20 |
| 24 | 1.03 | 1.73 | 2.73 | 0.23 | 1.43 | 1.40 | 1.90 | 1.10 | 1.20 | 1.30 | 1.50 | 1.60 |
| 25 | 1.43 | 2.23 | 2.53 | 0.23 | 1.53 | 1.30 | 1.80 | 1.10 | 1.30 | 1.40 | 1.70 | 1.30 |
| 26 | 1.43 | 2.53 | 2.63 | 0.23 | 1.73 | 1.10 | 1.60 | 1.30 | 1.40 | 1.20 | 1.70 | 1.20 |
| 27 | 0.63 | 2.73 | 2.53 | 0.63 | 1.93 | 1.30 | 1.20 | 1.40 | 1.50 | 1.40 | 1.80 | 0.80 |
| 28 | 0.63 | 2.93 | 2.43 | 0.33 | 2.13 | 1.30 | 1.30 | 1.10 | 1.40 | 1.40 | 1.70 | 0.50 |
| 29 | 0.63 | ----- | 2.13 | 0.23 | 1.93 | 1.60 | 1.20 | 1.10 | 1.40 | 1.20 | 1.70 | 0.30 |
| 30 | 0.73 | ----- | 1.53 | 0.23 | 2.00 | 1.30 | 1.10 | 1.50 | 1.10 | 1.10 | 1.50 | 0.00 |
| 31 | 0.63 | ----- | 0.73 | ----- | 1.80 | ----- | 1.10 | 1.30 | ----- | 1.30 | ----- | 0.60 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 1.06 | 1.47 | 1.86 | 0.51 | 1.32 | 1.56 | 1.41 | 0.78 | 1.32 | 1.00 | 1.49 | 1.04 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MAX | 2.13 | 2.93 | 2.73 | 1.53 | 2.13 | 2.20 | 2.50 | 1.50 | 1.70 | 1.40 | 2.20 | 1.80 |
| MIN | 0.23 | 0.73 | 0.73 | 0.23 | 0.43 | 1.10 | 0.80 | 0.10 | 0.90 | 0.30 | 0.70 | 0.00 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.23.

HIGHEST STAGE WAS 2.93 ON FEB 28.

LOWEST STAGE WAS 0.00 ON DEC 30

DAILY STAGE FOR 1987

BAYOU BONFOUCA AT SLIDELL, LA.

LOCATION. LAT. 30-16-18, LONG. 89-47-39. ABOUT 30 FEET UPSTREAM FROM HIGHWAY 433 BRIDGE. (STA. 8554003.)

GAGE STAFF TYPE.

GENERAL INFORMATION. ON FEB. 7, 1975 GAGE WAS RAISED 0.57 FOOT TO AGREE WITH NEW BENCHMARK ELEVATIONS. STAGES FROM JAN. 1 THRU FEB. 6 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. AUG. 17, 1962, TO DATE.

EXTREMES. HIGHEST, 6.8 FEET (CAUSED BY HURRICANE) ON AUG. 18, 1969. LOWEST, MINUS 0.6 FOOT ON FEB. 15, 1963.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-----|
| 1 | 0.7 | 1.2 | 1.0 | 0.8 | 1.0 | 1.2 | 1.0 | 1.0 | 0.9 | 1.0 | 0.5 | 0.8 |
| 2 | 0.5 | 1.4 | 0.8 | 0.6 | 0.7 | 1.0 | 0.8 | 1.2 | 0.7 | 1.0 | 0.7 | 0.5 |
| 3 | 0.5 | 1.4 | 0.5 | 0.5 | 1.0 | 1.0 | 0.9 | 1.3 | 0.8 | 0.8 | 1.0 | 0.7 |
| 4 | 1.0 | 1.3 | 0.5 | 0.5 | 1.0 | 0.9 | 1.0 | 1.2 | 0.5 | 1.0 | 1.2 | 1.0 |
| 5 | 0.8 | 1.2 | 0.8 | 1.0 | 0.8 | 0.7 | 1.0 | 1.3 | 0.5 | 1.0 | 1.2 | 1.0 |
| 6 | 0.8 | 1.0 | 0.7 | 0.8 | 0.8 | 0.7 | 1.1 | 1.3 | 0.5 | 0.8 | 1.0 | 1.2 |
| 7 | 1.0 | 1.0 | 1.0 | 0.8 | 0.9 | 1.3 | 1.2 | 1.1 | 0.7 | 1.0 | 1.0 | 1.0 |
| 8 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.2 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 |
| 9 | 1.3 | 0.8 | 0.8 | 0.7 | 1.0 | 1.2 | 1.0 | 1.0 | 1.0 | 0.9 | 1.3 | 1.2 |
| 10 | 1.0 | 0.8 | 0.8 | 0.5 | 1.0 | 1.2 | 0.8 | 1.0 | 0.8 | 0.5 | 1.3 | 1.0 |
| 11 | 1.0 | 1.0 | 0.7 | 0.5 | 1.0 | 1.0 | 0.8 | 1.2 | 1.0 | 0.5 | 1.2 | 1.0 |
| 12 | 1.2 | 0.6 | 0.5 | 0.8 | 1.2 | 0.9 | 1.0 | 1.3 | 1.2 | 0.7 | 1.2 | 1.0 |
| 13 | 1.2 | 0.5 | 0.5 | 1.0 | 1.2 | 1.0 | 1.0 | 1.2 | 1.2 | 0.9 | 1.1 | 1.2 |
| 14 | 1.3 | 0.5 | 0.8 | 1.2 | 1.0 | 1.1 | 1.2 | 1.2 | 1.2 | 1.0 | 1.0 | 1.2 |
| 15 | 1.1 | 1.0 | 1.0 | 1.2 | 1.0 | 1.2 | 1.2 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 |
| 16 | 1.4 | 0.8 | 1.2 | 1.0 | 0.8 | 1.3 | 1.3 | 1.0 | 0.8 | 0.8 | 1.0 | 1.0 |
| 17 | 1.4 | 0.7 | 1.2 | 0.7 | 1.2 | 1.3 | 1.2 | 1.0 | 0.8 | 0.7 | 1.2 | 0.8 |
| 18 | 1.0 | 1.0 | 1.4 | 0.5 | 1.2 | 1.2 | 1.0 | 0.8 | 1.0 | 1.0 | 1.2 | 0.8 |
| 19 | 0.8 | 1.2 | 1.4 | 0.5 | 1.3 | 1.2 | 1.1 | 0.7 | 1.0 | 1.0 | 1.3 | 0.5 |
| 20 | 1.0 | 1.4 | 1.2 | 0.5 | 1.3 | 1.1 | 1.0 | 0.5 | 1.0 | 0.8 | 1.3 | 1.0 |
| 21 | 1.3 | 1.4 | 1.2 | 0.8 | 1.2 | 1.0 | 1.1 | 0.5 | 0.8 | 0.8 | 1.2 | 1.0 |
| 22 | 1.4 | 1.2 | 1.2 | 0.8 | 1.0 | 1.0 | 1.2 | 0.7 | 0.8 | 0.5 | 1.2 | 0.8 |
| 23 | 1.2 | 1.3 | 1.0 | 1.0 | 1.0 | 0.8 | 1.2 | 0.5 | 0.5 | 0.5 | 1.2 | 0.6 |
| 24 | 1.0 | 1.3 | 1.0 | 1.0 | 1.4 | 0.8 | 1.3 | 0.5 | 0.5 | 0.7 | 1.1 | 0.5 |
| 25 | 0.8 | 1.4 | 0.8 | 0.7 | 1.4 | 1.0 | 1.3 | 0.8 | 0.7 | 1.0 | 1.2 | 0.5 |
| 26 | 1.0 | 1.2 | 1.2 | 0.5 | 1.2 | 1.0 | 1.2 | 1.0 | 1.0 | 1.2 | 1.3 | 0.8 |
| 27 | 0.9 | 1.0 | 1.2 | 0.5 | 1.2 | 0.7 | 1.1 | 1.0 | 0.5 | 1.0 | 1.2 | 1.0 |
| 28 | 0.7 | 1.0 | 1.1 | 0.8 | 1.0 | 1.2 | 1.1 | 1.1 | 0.8 | 0.8 | 1.0 | 1.0 |
| 29 | 0.5 | ----- | 1.0 | 0.8 | 1.0 | 1.2 | 1.0 | 1.0 | 0.5 | 0.6 | 1.0 | 0.8 |
| 30 | 0.5 | ----- | 1.0 | 1.0 | 1.2 | 1.0 | 0.8 | 0.8 | 0.7 | 0.5 | 0.8 | 0.8 |
| 31 | 0.8 | ----- | 0.8 | ----- | 1.2 | ----- | 0.8 | 1.0 | ----- | 0.5 | ----- | 0.5 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| MEAN | 1.0 | 1.1 | 0.9 | 0.8 | 1.1 | 1.0 | 1.1 | 1.0 | 0.8 | 0.8 | 1.1 | 0.9 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MAX | 1.4 | 1.4 | 1.4 | 1.2 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.3 | 1.2 |
| MIN | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.7 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.0.

HIGHEST STAGE WAS 1.4 ON JAN 16 AND LATER DATE(S).

LOWEST STAGE WAS 0.5 ON JAN 2 AND LATER DATE(S).

DAILY STAGE FOR 1987

243

LAKE PONTCHARTRAIN AT FRENIER, LA.

LOCATION. LAT. 30-06-22, LONG. 90-25-17. GAGE INTAKE AND STAFF ON STRUCTURE 1,200 FEET OFF SHORE FROM SERVICE ROAD AND REMOTE RECORDER ON SHORE. (STA. 8555006.)

GAGE. AUTOMATIC RECORDER WITH BUBBLER EQUIPMENT AND STAFF.

GENERAL INFORMATION. ON MAY 22, 1975 GAGE WAS RAISED 10.00 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAY 21 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 10.00 FEET, NGVD. PRIOR TO 1957, GAGE ZERO WAS ERRONEOUSLY REPORTED AS MINUS 10.08 FEET, M. S. L.

RECORDS AVAILABLE. SEP. 1931 TO SEP. 1965, AND JAN. 1969 TO DATE.

EXTREMES. HIGHEST, 12.09 FEET, FROM WATERMARK LEFT BY HURRICANE OF SEP. 10, 1965. LOWEST, MINUS 2.1 FEET ON JAN. 26, 1938. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1965 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| 1 | 1.17 | | 0.85 | 1.80 | -0.43 | | 0.73 | 0.15 | 1.30 | | 0.03 | 0.04 |
| 2 | 0.86 | | 0.66 | 1.58 | -0.39 | | 0.58 | -0.04 | 1.17 | | 0.16 | -1.90 |
| 3 | 0.80 | | 0.69 | 1.69 | 0.20 | | 0.35 | 0.20 | 1.01 | | 0.77 | -1.64 |
| 4 | 1.43 | | 1.03 | 1.95 | 0.49 | | 0.30 | 0.25 | | | 0.35 | -0.51 |
| 5 | 0.73 | | 0.78 | 2.01 | 0.46 | 0.89 | 0.49 | 0.35 | | | -0.29 | -1.63 |
| 6 | 0.26 | | 1.01 | 1.87 | 0.26 | 1.00 | 0.67 | 0.20 | | | -1.05 | -1.09 |
| 7 | 0.28 | | 1.56 | 1.90 | 0.38 | 1.57 | 1.15 | 0.31 | 0.91 | | -0.63 | -0.37 |
| 8 | 0.42 | | 1.59 | 1.47 | 0.23 | 1.78 | 1.32 | 0.43 | 0.67 | | -0.04 | -0.51 |
| 9 | 0.68 | | 0.57 | 1.62 | 0.20 | 1.68 | 0.86 | 0.52 | 0.35 | | 0.34 | 0.45 |
| 10 | 0.80 | | 0.64 | | 0.68 | 1.39 | 0.71 | 0.57 | 0.31 | 0.02 | -0.33 | 0.12 |
| 11 | 0.36 | | 0.66 | | 0.96 | 1.20 | 0.70 | 0.17 | 0.63 | 0.04 | -2.00 | 0.13 |
| 12 | 0.35 | | 0.61 | | 0.46 | 1.24 | 0.62 | -0.27 | 0.76 | 0.04 | -1.67 | 1.37 |
| 13 | 0.21 | | 0.79 | | 0.42 | 1.01 | 0.45 | -0.69 | 0.54 | -0.33 | -1.79 | 1.00 |
| 14 | 0.43 | | 0.45 | | 0.09 | 0.80 | 0.35 | -0.25 | 0.50 | -0.09 | -0.55 | 1.88 |
| 15 | 1.19 | | 0.74 | | -0.13 | 1.06 | 0.38 | 0.18 | 0.46 | -0.41 | -0.26 | -0.10 |
| 16 | 1.36 | | 1.05 | -0.69 | 0.00 | 0.94 | 0.47 | 0.37 | 0.51 | -0.74 | 0.84 | -1.21 |
| 17 | 1.65 | | 1.75 | -0.65 | 0.45 | 0.60 | 0.75 | 0.17 | 0.68 | -0.69 | -0.33 | -0.64 |
| 18 | 2.04 | | 2.49 | -0.45 | 0.62 | 0.26 | 0.85 | 0.09 | 0.70 | 0.00 | -0.86 | 0.07 |
| 19 | | | 1.68 | -0.21 | 0.62 | 0.38 | 1.20 | -0.03 | 0.63 | 0.26 | -0.63 | 0.84 |
| 20 | | | 1.44 | 0.07 | 0.73 | 0.65 | 1.73 | 0.24 | 0.90 | 0.43 | -1.51 | 1.61 |
| 21 | | | 1.40 | -0.20 | | 0.60 | 2.44 | 0.09 | 1.22 | -0.04 | -1.54 | 1.19 |
| 22 | | | | -0.42 | | 0.71 | 1.59 | 0.32 | | -0.35 | -1.31 | 0.99 |
| 23 | | | | -0.31 | | 0.92 | 1.26 | 0.30 | | 0.06 | -0.53 | -0.35 |
| 24 | | 0.99 | | -0.05 | | 0.71 | 1.11 | 0.35 | | 0.50 | 1.13 | 1.17 |
| 25 | | 1.61 | | 0.00 | | 0.60 | 0.99 | 0.40 | | 0.57 | 1.29 | 1.53 |
| 26 | | 2.24 | | -0.14 | | 0.36 | 0.83 | 0.74 | | 0.60 | 1.55 | 1.39 |
| 27 | | 2.05 | 1.31 | -0.10 | | 0.61 | 0.81 | 0.69 | | 0.59 | 1.62 | 1.57 |
| 28 | | 1.66 | 1.35 | -0.53 | | 0.86 | 0.47 | 0.60 | | -0.37 | 0.69 | -0.09 |
| 29 | | ----- | 1.55 | -0.38 | | 1.00 | 0.32 | 0.78 | | -0.96 | -0.19 | -1.61 |
| 30 | | ----- | 1.79 | -0.40 | | 0.94 | 0.38 | 0.96 | | -0.51 | 0.58 | -1.15 |
| 31 | | ----- | 2.07 | ----- | ----- | ----- | 0.39 | 1.18 | ----- | -0.19 | ----- | -0.12 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|-------|-------|------|------|-------|------|-------|-------|-------|
| MEAN | 0.83 | 1.71 | 1.17 | 0.48 | 0.31 | 0.91 | 0.81 | 0.30 | 0.74 | -0.07 | -0.21 | 0.08 |
| MAX | 2.04 | 2.24 | 2.49 | 2.01 | 0.96 | 1.78 | 2.44 | 1.18 | 1.30 | 0.60 | 1.62 | 1.88 |
| MIN | 0.21 | 0.99 | 0.45 | -0.69 | -0.43 | 0.26 | 0.30 | -0.69 | 0.31 | -0.96 | -2.00 | -1.90 |
| DAYS | 18 | 5 | 26 | 24 | 20 | 26 | 31 | 31 | 18 | 22 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 282

THE MEAN STAGE FOR THE YEAR WAS 0.49

HIGHEST STAGE WAS 2.70 AT MIDNIGHT ON MAR 17 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 2.00 ON NOV 11.

DAILY STAGE FOR 1987

LAKE PONTCHARTRAIN AT MANDEVILLE, LA.

LOCATION. LAT. 30-21-31, LONG. 90-05-45. ON EAST SIDE OF GREATER NEW ORLEANS EXPRESSWAY BRIDGE,
0.5 MILE FROM NORTH PLAZA OF BRIDGE. (STA. 8557506.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON AUG. 2, 1976 GAGE WAS RAISED 10.00 FEET TO AGREE WITH NEW GAGE ZERO.
STAGES FROM JAN. 1 THRU AUG. 2 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS MINUS
10.00 FEET, NGVD.

RECORDS AVAILABLE. SEP. 26, 1931, TO DATE. PRIOR TO AUG. 2, 1957, GAGE WAS LOCATED AT LOTTS
WHARF. ADD 0.3 TO DAILY STAGES PRIOR TO 1955. EXTREMES IN CURRENT REPORTS HAVE BEEN CORRECTED

EXTREMES. HIGHEST, 7.60 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 2.25 FEET ON
JAN. 26, 1938. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1957 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|--------|------|-------|--------|------|-------|------|-------|------|
| 1 | 2.16 | | 2.08 | | 0.45 | 1.77 | 1.75 | 1.16 | 1.96 | 1.67 | 1.45 | 0.98 |
| 2 | 1.74 | F | 1.78 | | 0.57 | 1.60 | 1.74 | 1.09 | 2.05 | 1.51 | 1.45 | 1.12 |
| 3 | 1.76 | | 1.76 | | 0.95 | 1.58 | 1.59 | 1.32 | 1.90 | 1.10 | 1.75 | 1.51 |
| 4 | 2.37 | F | 1.75 | | 1.33 | 1.62 | 1.39 | 1.35 | 1.87 | 1.25 | 2.24 | 1.30 |
| 5 | | F | 1.75 | | 1.37 | 1.56 | 1.57 | 1.35 | 2.10 | 1.35 | 2.37 | 1.20 |
| 6 | | | 1.75 | | 1.13 | 1.57 | 1.80 | 1.38 | 2.12 | 1.32 | 2.10 | 1.57 |
| 7 | | | 1.97 | | 1.10 | 2.20 | 2.05 | 1.35 | 1.93 | 1.10 | 2.20 | 1.90 |
| 8 | | | 2.68 | | 1.00 | 2.45 | 2.17 | 1.38 | 1.73 | 1.25 | 2.37 | 2.52 |
| 9 | | F | 1.76 | | 0.90 | 2.47 | 1.95 | 1.47 | 1.32 | 1.67 | 2.55 | 2.55 |
| 10 | F | 1.06 | | | 1.48 | 2.18 | 1.80 | 1.61 | 1.41 | 1.73 | 2.25 | 2.07 |
| 11 | | 1.39 | | | 1.84 | 2.15 | 1.72 | 1.41 | 1.70 | 1.80 | 1.00 | 1.66 |
| 12 | | 1.33 | | | 1.34 | 2.12 | 1.69 | 1.15 | 1.83 | 1.35 | 0.95 | 1.56 |
| 13 | | 1.07 | F | 1.55 | 0.95 | 1.26 | 2.04 | 0.55 | 1.63 | 0.95 | 1.06 | 1.56 |
| 14 | | 1.18 | 1.41 | 1.32 | 1.14 | 2.05 | 1.35 | 0.83 | 1.54 | 1.08 | 1.27 | 2.48 |
| 15 | F | 2.20 | 1.71 | 0.61 | 0.85 | 1.89 | 1.23 | 1.18 | 1.54 | 1.60 | 1.90 | 1.70 |
| 16 | | 1.85 | 2.00 | | 0.91 | 2.05 | 1.47 | 1.45 | 1.62 | 1.56 | 2.63 | 1.12 |
| 17 | | | 2.60 | | 1.35 | 1.65 | 1.75 | 1.25 | 1.68 | 1.42 | 2.72 | 0.90 |
| 18 | | | 3.70 | | 1.55 | 1.42 | 1.70 | 1.16 | 1.73 | 1.22 | 2.18 | 1.15 |
| 19 | | | 2.60 | | 1.50 | 1.40 | 2.10 | 1.10 | 1.59 | 1.40 | 2.35 | 1.60 |
| 20 | F | 1.71 | 2.45 | | 1.60 | 1.65 | 2.42 | 1.20 | 1.48 | 1.60 | 1.85 | 1.90 |
| 21 | F | 2.21 | 2.39 | | 1.62 | 1.64 | F 2.95 | 1.10 | 1.82 | 1.35 | 1.50 | 1.83 |
| 22 | F | 2.70 | 2.15 | F 0.67 | 1.42 | 1.74 | 2.59 | 1.26 | 1.85 | 1.68 | 1.62 | 2.05 |
| 23 | F | 1.75 | 2.40 | 0.60 | 1.48 | 1.90 | 2.23 | 1.33 | 1.80 | 2.19 | 1.90 | 1.84 |
| 24 | | 1.81 | 3.44 | 0.50 | 1.84 | 1.75 | 2.09 | 1.33 | 1.95 | 2.42 | 2.05 | 1.98 |
| 25 | | 2.52 | 2.61 | 0.42 | 1.74 | 1.61 | 2.00 | 1.45 | 1.82 | 2.38 | 2.20 | 1.94 |
| 26 | | 3.12 | 2.70 | 0.58 | 1.85 | 1.39 | 1.90 | 1.79 | 1.94 | 2.13 | 2.28 | 1.81 |
| 27 | | 2.95 | 2.83 | 0.86 | 2.14 | 1.28 | 1.76 | 1.79 | 1.93 | 1.77 | 2.28 | 1.73 |
| 28 | | 3.55 | 2.63 | 0.42 | 2.15 | 1.60 | 1.52 | 1.68 | 2.02 | 1.53 | 2.12 | 1.25 |
| 29 | | ----- | 2.38 | 0.23 | 2.00 | 1.74 | 1.47 | 1.66 | 2.06 | 1.43 | 1.43 | 0.13 |
| 30 | | ----- | 1.92 | 0.57 | 2.01 | 1.97 | 1.42 | 2.00 | 1.70 | 1.38 | 1.18 | 0.60 |
| 31 | | ----- | 0.83 | ----- | 1.80 | ----- | 1.52 | 1.85 | ----- | 1.35 | ----- | 1.23 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 2.01 | 2.02 | 2.20 | 0.64 | 1.41 | 1.80 | 1.82 | 1.35 | 1.79 | 1.53 | 1.91 | 1.57 |
| MAX | 2.37 | 3.55 | 3.70 | 1.32 | 2.15 | 2.47 | 2.95 | 2.00 | 2.12 | 2.42 | 2.72 | 2.55 |
| MIN | 1.74 | 1.06 | 0.83 | 0.23 | 0.45 | 1.28 | 1.23 | 0.55 | 1.32 | 0.95 | 0.95 | 0.13 |
| DAYS | 4 | 16 | 28 | 12 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 305

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.68.

HIGHEST STAGE WAS 4.15 AT 9:30 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.01 ON DEC 29.

DAILY STAGE FOR 1987

LAKE PONTCHARTRAIN AT MIDLAKE NEAR NEW ORLEANS, LA.

LOCATION. LAT. 30-11-16, LONG. 90-07-33. ON SOUTH BOUND LANE OF GREATER NEW ORLEANS EXPRESSWAY BRIDGE, 11.6 MILES NORTH OF THE SOUTH PLAZA. (STA. 8560006.)

GAGE. AUTOMATIC RECORDER AND WIRE WEIGHT.

GENERAL INFORMATION. ON AUG. 2, 1976 GAGE WAS RAISED 10.00 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU AUG. 2 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS MINUS 10.00 FEET, NGVD.

RECORDS AVAILABLE. AUG. 9, 1957, TO DATE.

EXTREMES. HIGHEST, 6.14 FEET (CAUSED BY HURRICANE) ON OCT. 29, 1985. LOWEST, MINUS 1.28 FEET ON MAR. 6, 1965. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1957 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 1.95 | 1.30 | 2.11 | 0.44 | 0.68 | 1.90 | 1.79 | 1.22 | 2.07 | 1.80 | 1.62 | 1.00 |
| 2 | 1.63 | 1.37 | 1.73 | 0.68 | 0.73 | 1.79 | 1.70 | 1.15 | 2.07 | 1.68 | 1.55 | 1.15 |
| 3 | 1.54 | 1.10 | 1.70 | 0.80 | 1.34 | 1.80 | 1.53 | 1.38 | 1.94 | 1.39 | 1.87 | 1.50 |
| 4 | 2.17 | 1.31 | 1.76 | 0.63 | 1.63 | 1.89 | 1.40 | 1.47 | 1.83 | 1.53 | 2.37 | 1.38 |
| 5 | 1.49 | 1.99 | 1.80 | 0.64 | 1.60 | 1.87 | 1.54 | 1.45 | 2.10 | 1.43 | 2.42 | 1.30 |
| 6 | 0.98 | 2.94 | 1.88 | 0.64 | 1.38 | 1.90 | 1.76 | 1.32 | 2.11 | 1.35 | 2.20 | 1.60 |
| 7 | 0.99 | 2.36 | 2.25 | 0.73 | 1.43 | 2.40 | 2.05 | 1.38 | 1.98 | 1.25 | 2.30 | 1.94 |
| 8 | 1.30 | 1.84 | 2.69 | 0.98 | 1.29 | 2.62 | 2.10 | 1.45 | 1.81 | 1.39 | 2.40 | 2.64 |
| 9 | 1.39 | 1.12 | 1.75 | 0.84 | 1.23 | 2.58 | 1.93 | 1.52 | 1.40 | 1.75 | 2.63 | 2.64 |
| 10 | 1.47 | 1.35 | 1.66 | 0.70 | 1.75 | 2.28 | 1.81 | 1.60 | 1.40 | 1.93 | 2.24 | 2.12 |
| 11 | 0.67 | 1.39 | 1.74 | 0.65 | 2.09 | 2.26 | 1.74 | 1.36 | 1.66 | 1.90 | 1.30 | 1.72 |
| 12 | 0.58 | 1.42 | 1.61 | 1.07 | 1.60 | 2.20 | 1.70 | 0.95 | 1.77 | 1.55 | 1.10 | 1.62 |
| 13 | 0.48 | 1.23 | 1.80 | 1.63 | 1.46 | 2.14 | 1.62 | 0.52 | 1.62 | 1.10 | 1.20 | 1.66 |
| 14 | 0.72 | 1.39 | 1.48 | 2.10 | 1.30 | 2.04 | 1.39 | 0.86 | 1.52 | 1.25 | 1.35 | 2.45 |
| 15 | 1.34 | 1.72 | 1.75 | 1.40 | 1.13 | 1.99 | 1.25 | 1.20 | 1.52 | 1.76 | 1.94 | 2.16 |
| 16 | 1.57 | 1.95 | 2.03 | 0.34 | 1.10 | 1.97 | 1.50 | 1.48 | 1.55 | 1.67 | 2.59 | 1.28 |
| 17 | 1.81 | 1.60 | 2.55 | 0.49 | 1.53 | 1.78 | 1.75 | 1.30 | 1.76 | 1.49 | 2.74 | 1.05 |
| 18 | 2.28 | 1.08 | 3.55 | 0.73 | 1.72 | 1.60 | 1.75 | 1.17 | 1.78 | 1.31 | 2.25 | 1.30 |
| 19 | 1.44 | 1.20 | 2.69 | 0.93 | 1.72 | 1.43 | 2.22 | 1.07 | 1.67 | 1.45 | 2.47 | 1.70 |
| 20 | 1.34 | 1.65 | 2.44 | 1.14 | 1.81 | 1.65 | 2.54 | 1.20 | 1.73 | 1.64 | 2.00 | 1.99 |
| 21 | 1.48 | 2.40 | 2.41 | 1.15 | 1.85 | 1.69 | 3.03 | 1.15 | 1.93 | 1.65 | 1.64 | 1.98 |
| 22 | 1.76 | 2.85 | 2.15 | 0.88 | 1.70 | 1.75 | 2.60 | 1.26 | 1.94 | 1.88 | 1.73 | 2.07 |
| 23 | 0.60 | 1.74 | 2.39 | 0.88 | 1.73 | 1.96 | 2.27 | 1.35 | 1.95 | 2.24 | 1.94 | 1.90 |
| 24 | 0.65 | 1.96 | 3.41 | 0.70 | 2.00 | 1.80 | 2.12 | 1.40 | 2.04 | 2.45 | 2.10 | 2.01 |
| 25 | 1.47 | 2.55 | 2.70 | 0.90 | 1.94 | 1.64 | 2.03 | 1.47 | 1.91 | 2.45 | 2.35 | 1.97 |
| 26 | 0.72 | 3.10 | 2.70 | 0.90 | 2.09 | 1.42 | 1.98 | 1.76 | 1.98 | 2.17 | 2.37 | 1.87 |
| 27 | 0.60 | 2.93 | 2.83 | 0.94 | 2.21 | 1.50 | 1.80 | 1.75 | 2.04 | 1.95 | 2.34 | 1.73 |
| 28 | 0.74 | 3.05 | 2.67 | 0.72 | 2.25 | 1.69 | 1.67 | 1.67 | 2.11 | 1.68 | 2.23 | 1.40 |
| 29 | 1.00 | ----- | 2.42 | 0.53 | 2.17 | 1.85 | 1.52 | 1.78 | 2.14 | 1.52 | 1.61 | 0.37 |
| 30 | 1.15 | ----- | 2.08 | 0.77 | 2.20 | 1.97 | 1.45 | 2.03 | 1.99 | 1.48 | 1.20 | 0.60 |
| 31 | 1.10 | ----- | 0.85 | ----- | 1.97 | ----- | 1.58 | 2.00 | ----- | 1.49 | ----- | 1.25 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.24 | 1.85 | 2.18 | 0.86 | 1.63 | 1.91 | 1.84 | 1.38 | 1.84 | 1.66 | 2.00 | 1.66 |
| MAX | 2.28 | 3.10 | 3.55 | 2.10 | 2.25 | 2.62 | 3.03 | 2.03 | 2.14 | 2.45 | 2.74 | 2.64 |
| MIN | 0.48 | 1.08 | 0.85 | 0.34 | 0.68 | 1.42 | 1.25 | 0.52 | 1.40 | 1.10 | 1.10 | 0.37 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 1.67

HIGHEST STAGE WAS 3.83 AT 9:45 P.M. ON MAR 17.

LOWEST STAGE WAS 0.10 ON JAN 13.

DAILY STAGE FOR 1987

LAKE PONTCHARTRAIN AT WEST END, LA.

LOCATION. LAT. 30-01-18, LONG. 90-06-57. ON WEST END OF MUNICIPAL YACHT BUILDING IN WEST END HARBOR. (STA. 8562506.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON APR. 7, 1975 GAGE WAS RAISED 10.68 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGE FROM JAN. 1 THRU APR. 6 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 10.00 FEET, NGVD.

RECORDS AVAILABLE. SEP. 25, 1931, TO NOV. 30, 1946, AND MAR. 9, 1949, TO DATE. PRIOR TO DEC. 1, 1946, GAGE WAS LOCATED 110 FEET WEST OF SOUTHERN YACHT CLUB. SUBTRACT 0.1 FOOT FROM DAILY STAGES PRIOR TO 1955. EXTREMES IN CURRENT REPORTS HAVE BEEN CORRECTED.

EXTREMES. HIGHEST, 6.11 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 2.20 FEET ON JAN. 26 AND 27, 1938. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1985 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.53 | 0.54 | 1.43 | -0.36 | -0.13 | 1.00 | 0.74 | 0.40 | | 1.07 | 0.88 | 0.20 |
| 2 | 1.14 | 0.74 | 1.01 | -0.10 | -0.10 | 0.99 | 0.63 | 0.41 | | 0.89 | 0.83 | 0.38 |
| 3 | 0.87 | 0.39 | 0.91 | 0.28 | 0.35 | 1.04 | 0.63 | 0.61 | 1.27 | 0.85 | 1.17 | 0.65 |
| 4 | 2.02 | 0.45 | 1.05 | -0.07 | 0.79 | 1.01 | 0.69 | 0.66 | 1.09 | 0.78 | | 0.61 |
| 5 | 0.98 | 1.30 | 0.97 | 0.04 | 0.79 | 1.05 | 0.92 | 0.57 | 1.35 | 0.65 | 1.73 | 0.59 |
| 6 | 0.50 | 2.27 | 1.14 | -0.11 | 0.55 | 1.67 | 1.33 | 0.51 | 1.36 | | 1.53 | 0.86 |
| 7 | 0.46 | 1.75 | 1.71 | -0.04 | 0.60 | 1.88 | 1.24 | 0.56 | 1.20 | 0.45 | 1.59 | 1.22 |
| 8 | 0.61 | 1.07 | 1.98 | 0.25 | 0.54 | | | 0.67 | 1.04 | 0.59 | 1.65 | 1.89 |
| 9 | 0.76 | 0.45 | 0.92 | 0.11 | 0.44 | | 1.07 | 0.75 | 0.67 | 0.99 | 1.91 | 1.90 |
| 10 | 1.03 | 0.49 | 0.95 | -0.06 | 0.99 | | 0.98 | 0.70 | 0.62 | 1.16 | 1.45 | 1.45 |
| 11 | 0.31 | 0.61 | 1.14 | -0.11 | 1.29 | | 0.99 | 0.49 | 0.88 | 1.20 | 0.71 | 0.94 |
| 12 | 0.05 | 0.50 | 0.81 | 0.33 | 0.82 | | 0.96 | 0.11 | 1.01 | 0.93 | 0.41 | |
| 13 | -0.09 | 0.41 | 1.13 | 0.89 | 0.69 | | 0.83 | -0.39 | 0.83 | 0.52 | 0.44 | |
| 14 | 0.19 | 0.60 | 0.73 | 1.38 | 0.42 | | 0.64 | -0.04 | 0.73 | 0.50 | 0.62 | |
| 15 | 0.78 | 0.87 | 1.03 | 0.38 | 0.40 | | 0.47 | 0.15 | 0.71 | 0.99 | 1.23 | |
| 16 | 1.01 | 1.19 | 1.24 | -0.51 | 0.35 | | 0.70 | 0.54 | 0.70 | 0.95 | 1.80 | 0.68 |
| 17 | 1.30 | 0.71 | 1.66 | -0.29 | 0.71 | | 0.94 | 0.23 | 0.90 | 0.75 | 2.00 | 0.37 |
| 18 | 1.73 | 0.40 | 2.78 | -0.02 | 0.97 | | 1.03 | 0.14 | 0.97 | 0.56 | 1.55 | 0.52 |
| 19 | 0.88 | 0.38 | 2.07 | 0.15 | 0.99 | | 1.44 | -0.03 | 0.90 | 0.68 | 1.78 | 0.92 |
| 20 | 0.66 | 0.80 | 1.76 | 0.35 | 1.03 | | 1.82 | 0.27 | 1.01 | 0.86 | 1.30 | 1.20 |
| 21 | 0.74 | 1.82 | 1.70 | 0.24 | 0.88 | | 2.15 | 0.14 | 1.22 | 0.94 | 0.90 | 1.24 |
| 22 | 1.30 | 2.18 | 1.52 | 0.07 | 0.90 | | 1.83 | 0.28 | 1.23 | 1.19 | 0.94 | 1.35 |
| 23 | 0.14 | 1.04 | | 0.15 | 1.16 | 1.00 | 1.50 | 0.41 | 1.21 | 1.50 | 1.22 | 1.14 |
| 24 | 0.12 | 1.22 | | -0.01 | 1.07 | 0.84 | 1.39 | 0.46 | 1.29 | 1.74 | 1.37 | 1.24 |
| 25 | 1.04 | 1.92 | | 0.18 | 1.23 | 0.64 | 1.25 | 0.46 | 1.14 | 1.67 | 1.60 | 1.18 |
| 26 | 0.29 | 2.42 | | 0.20 | 1.34 | 0.82 | 1.47 | 0.71 | 1.19 | 1.39 | 1.66 | 1.10 |
| 27 | 0.13 | 2.20 | 2.22 | 0.18 | 1.45 | 0.93 | 1.01 | 0.69 | 1.25 | 1.50 | 1.62 | 0.97 |
| 28 | 0.26 | 1.53 | 1.92 | -0.08 | 1.37 | 1.09 | 0.85 | 0.54 | 1.35 | 0.99 | 1.76 | 0.64 |
| 29 | 0.36 | ----- | 1.71 | -0.18 | 1.40 | 1.15 | 0.68 | 0.70 | 1.39 | 0.77 | 0.88 | -0.13 |
| 30 | 0.59 | ----- | 1.78 | -0.02 | 1.22 | 1.03 | 0.70 | 0.81 | 1.36 | 0.76 | 0.47 | -0.15 |
| 31 | 0.50 | ----- | 0.18 | ----- | 1.09 | ----- | 0.72 | ----- | ----- | 0.76 | ----- | 0.44 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|-------|------|------|-------|------|------|------|-------|
| MEAN | 0.72 | 1.08 | 1.39 | 0.11 | 0.83 | 1.08 | 1.05 | 0.42 | 1.07 | 0.95 | 1.28 | 0.87 |
| MAX | 2.02 | 2.42 | 2.78 | 1.38 | 1.45 | 1.88 | 2.15 | 0.81 | 1.39 | 1.74 | 2.00 | 1.90 |
| MIN | -0.09 | 0.38 | 0.18 | -0.51 | -0.13 | 0.64 | 0.47 | -0.39 | 0.62 | 0.45 | 0.41 | -0.15 |
| DAYS | 31 | 28 | 27 | 30 | 31 | 15 | 30 | 30 | 28 | 30 | 29 | 27 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 336
 THE MEAN STAGE FOR THE YEAR WAS 0.89.
 HIGHEST STAGE WAS 4.30 AT 10:00 P.M. ON MAR 17.
 LOWEST STAGE WAS MINUS 0.60 ON DEC 29.

DAILY STAGE FOR 1987

LAKE PONTCHARTRAIN (IRISH BAYOU) NEAR SOUTH SHORE, LA.

LOCATION. LAT. 30-08-46, LONG. 89-51-41. U. S. HIGHWAY 11 BRIDGE ACROSS IRISH BAYOU. (STA. 8567503.)

GAGE. AUTOMATIC RECORDER AND STAFF.
8567503.)

GENERAL INFORMATION. ON JULY 27, 1976 GAGE WAS RAISED 10.00 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU JULY 27 WERE CORRECTED TO NEW DATUM. PRIOR TO 1976 GAGE ZERO WAS MINUS 10.00 FEET, NGVD.

RECORDS AVAILABLE. MAY 3, 1949, TO DATE. PRIOR TO APR. 17, 1963, GAGE WAS LOCATED ON SOUTH DRAWBRIDGE. SUBTRACT 0.1 FROM DAILY STAGES PRIOR TO 1955.

EXTREMES. HIGHEST, 7.16 FEET (CAUSED BY HURRICANE) ON AUG. 18, 1969. LOWEST, MINUS 1.30 FEET ON JULY 25, 1954. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.16 | 0.34 | 1.18 | -0.38 | -0.28 | 0.80 | 0.85 | 0.39 | 1.30 | 1.00 | 0.69 | -0.07 |
| 2 | 0.71 | 0.58 | 0.75 | -0.20 | -0.14 | 0.75 | 0.75 | 0.35 | 1.25 | 0.89 | 0.55 | 0.00 |
| 3 | 0.60 | 0.32 | 0.68 | -0.30 | 0.20 | 0.68 | 0.68 | 0.69 | 1.12 | 0.53 | 0.80 | 0.25 |
| 4 | 1.54 | 0.34 | 0.62 | -0.40 | 0.55 | 0.92 | 0.55 | 0.75 | 1.03 | 0.63 | 1.27 | 0.18 |
| 5 | 0.74 | 0.84 | 0.60 | -0.50 | 0.40 | 0.78 | 0.65 | 0.59 | 1.25 | 0.40 | 1.38 | 0.11 |
| 6 | 0.24 | 1.84 | 0.70 | -0.40 | 0.30 | 0.90 | 0.95 | 0.59 | 1.21 | 0.32 | 1.06 | 0.45 |
| 7 | 0.14 | 1.34 | 1.30 | -0.40 | 0.22 | 1.40 | 1.45 | 0.68 | 1.03 | 0.12 | 1.21 | 1.10 |
| 8 | 0.14 | 0.74 | 1.68 | -0.08 | 0.16 | 1.67 | 1.23 | 0.65 | 0.91 | 0.30 | 1.35 | 1.67 |
| 9 | 0.34 | -0.04 | 0.65 | -0.28 | 0.25 | 1.64 | 1.12 | 0.71 | 0.47 | 0.60 | 1.60 | 1.58 |
| 10 | 0.54 | 0.05 | 0.55 | -0.32 | 0.80 | 1.45 | 1.03 | 0.69 | 0.36 | 0.78 | 1.40 | 1.09 |
| 11 | -0.24 | 0.25 | 0.70 | -0.38 | 1.05 | 1.55 | 0.90 | 0.42 | 0.71 | 0.82 | 0.40 | 0.66 |
| 12 | -0.38 | 0.28 | 0.45 | 0.04 | 0.78 | 1.35 | 0.84 | -0.13 | 0.88 | 0.60 | 0.31 | 0.62 |
| 13 | 0.98 | 0.09 | 0.58 | 0.82 | 0.70 | 1.25 | 0.62 | -0.29 | 0.79 | 0.39 | 0.30 | 0.82 |
| 14 | -0.21 | 0.24 | 0.38 | 1.28 | 0.45 | 1.12 | 0.37 | -0.02 | 0.69 | 0.50 | 0.55 | 1.40 |
| 15 | 0.49 | 0.60 | 0.64 | 0.04 | 0.12 | 1.06 | 0.39 | 0.37 | 0.73 | 0.89 | 0.98 | 1.31 |
| 16 | 0.54 | 0.92 | 1.00 | -0.52 | 0.31 | 0.98 | 0.68 | 0.67 | 0.79 | 0.81 | 1.55 | 0.14 |
| 17 | 0.84 | 0.50 | 1.48 | -0.22 | 0.54 | 0.60 | 0.80 | 0.49 | 0.99 | 0.61 | 1.65 | -0.09 |
| 18 | 1.34 | 0.10 | 2.50 | -0.22 | 0.60 | 0.70 | 0.87 | 0.45 | 1.01 | 0.47 | 1.11 | 0.11 |
| 19 | 0.72 | 0.18 | 1.78 | -0.15 | 0.54 | 0.50 | 1.25 | 0.44 | 0.87 | 0.49 | 1.32 | 0.51 |
| 20 | 0.56 | 0.40 | 1.40 | -0.02 | 0.70 | 0.80 | 1.61 | 0.45 | 0.89 | 0.60 | 0.94 | 0.78 |
| 21 | 0.46 | 1.43 | 1.32 | -0.12 | 0.79 | 0.82 | 2.10 | 0.39 | 1.05 | 0.64 | 0.40 | 0.81 |
| 22 | 1.12 | 1.82 | 1.05 | -0.30 | 0.61 | 0.98 | 1.73 | 0.48 | 0.90 | 0.83 | 0.55 | 1.03 |
| 23 | -0.28 | 0.44 | 1.22 | -0.25 | 0.82 | 0.98 | 1.48 | 0.57 | 0.92 | 1.19 | 0.94 | 0.89 |
| 24 | -0.36 | 0.82 | 2.28 | -0.52 | 0.99 | 1.04 | 1.26 | 0.53 | 1.00 | 1.35 | 1.18 | 1.07 |
| 25 | 0.60 | 1.38 | 1.70 | -0.01 | 1.05 | 0.88 | 1.12 | 0.58 | 0.82 | 1.25 | 1.44 | 1.03 |
| 26 | -0.16 | 1.95 | 1.62 | 0.02 | 1.22 | 0.64 | 1.09 | 0.79 | 0.90 | 1.04 | 1.50 | 0.88 |
| 27 | -0.26 | 1.75 | 1.80 | 0.10 | 1.24 | 0.60 | 0.93 | 0.80 | 1.01 | 0.88 | 1.52 | 0.73 |
| 28 | -0.16 | 2.20 | 1.60 | -0.20 | 1.35 | 0.80 | 0.66 | 0.71 | 1.20 | 0.86 | 1.51 | 0.25 |
| 29 | 0.12 | ----- | 1.40 | -0.20 | 1.20 | 0.88 | 0.69 | 0.92 | 1.29 | 0.71 | 0.68 | -0.64 |
| 30 | 0.34 | ----- | 1.38 | -0.10 | 1.15 | 0.92 | 0.66 | 1.07 | 1.20 | 0.65 | 0.18 | -0.51 |
| 31 | 0.22 | ----- | -0.08 | ----- | 0.98 | ----- | 0.70 | 1.25 | ----- | 0.68 | ----- | 0.14 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|-------|------|------|------|-------|
| MEAN | 0.40 | 0.77 | 1.13 | -0.14 | 0.63 | 0.98 | 0.97 | 0.55 | 0.95 | 0.70 | 1.01 | 0.59 |
| MAX | 1.54 | 2.20 | 2.50 | 1.28 | 1.35 | 1.67 | 2.10 | 1.25 | 1.30 | 1.35 | 1.65 | 1.67 |
| MIN | -0.38 | -0.04 | -0.08 | -0.52 | -0.28 | 0.50 | 0.37 | -0.29 | 0.36 | 0.12 | 0.18 | -0.64 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 0.71.

HIGHEST STAGE WAS 3.60 AT 11:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.67 ON DEC 29.

DAILY STAGE FOR 1987

RIGOLETS NEAR LAKE PONTCHARTRAIN (LA.)

LOCATION. LAT. 30-10-02, LONG. 89-44-13 ABOUT 50 FEET SOUTHEAST OF U. S. HIGHWAY 90 AT FORT PIKE, NEAR EXTREME EAST END OF LAKE PONTCHARTRAIN (STA. 8570003.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON MAR. 25, 1975 GAGE WAS RAISED 10.77 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAR. 24 WERE CORRECTED TO NEW DATUM PRIOR TO 1975 GAGE ZERO WAS MINUS 10.00 FEET, NGVD.

RECORDS AVAILABLE. SEP. 1931 TO DATE. ADD 0.2 TO DAILY STAGES PRIOR TO 1955. LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD. THE GAGE HAS BEEN LOCATED AT THE PRESENT SITE SINCE APR. 17, 1963.

EXTREMES. HIGHEST, 9.00 FEET (CAUSED BY HURRICANE) ON AUG. 18, 1969. LOWEST, MINUS 1.9 FEET ON JAN. 26, 1938. EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|---------|---------|-------|-------|-------|--------|------|-------|-------|
| 1 | 1.00 | 0.25 | 0.80 | -0.50 F | -0.80 | 0.30 | 0.50 | 0.22 | 1.02 | 0.90 | 0.45 | -0.40 |
| 2 | 0.55 | 0.51 | 0.58 | -0.48 | -0.42 | 0.28 | 0.50 | 0.18 | 1.05 | 0.83 | 0.32 | -0.36 |
| 3 | 0.63 | 0.18 | 0.52 | -0.80 F | -0.40 | 0.26 | 0.50 | 0.60 | 0.92 | 0.28 | 0.44 | -0.20 |
| 4 | 1.53 | 0.05 | 0.40 | -0.75 | 0.08 | 0.55 | 0.37 | 0.70 | 0.94 | 0.49 | 0.87 | -0.22 |
| 5 | 0.58 | 0.50 | 0.28 | -0.88 | -0.12 | 0.48 | 0.44 | 0.56 | 1.11 | 0.15 | 0.82 | -0.10 |
| 6 | 0.00 | 1.44 | 0.28 | -0.88 | -0.10 | 0.70 | 0.71 | 0.61 | 1.06 | | 0.72 | 0.18 |
| 7 | -0.18 | 0.85 | 1.18 | -0.82 | -0.25 F | 1.08 | 1.17 | 0.59 | 0.82 | | 0.88 | 0.96 |
| 8 | -0.20 | 0.28 | 1.22 | -0.58 F | -0.27 | 1.45 | 1.16 | 0.52 | 0.54 F | 0.29 | 1.02 | 1.45 |
| 9 | 0.04 | -0.55 | 0.15 | -0.75 | 0.01 | 1.48 | 0.93 | 0.51 | 0.10 | 0.34 | 1.30 | 1.30 |
| 10 | 0.18 | -0.33 | 0.02 | -0.75 F | 0.50 | 1.25 | 0.72 | 0.48 | 0.01 | 0.41 | 1.08 | 0.75 |
| 11 | -0.61 | -0.10 | 0.20 | -0.72 | 0.80 | 1.30 | 0.68 | 0.10 | 0.46 | 0.57 | 0.17 | 0.48 |
| 12 | -0.65 | -0.02 | -0.02 | -0.20 | 0.56 | 1.18 | 0.50 | -0.40 | 0.68 | 0.34 | 0.25 | 0.40 |
| 13 | -0.69 | -0.18 | 0.10 | 0.40 | 0.55 | 1.00 | 0.16 | -0.61 | 0.65 | 0.22 | 0.13 | 0.67 |
| 14 | -0.48 | 0.13 | -0.05 | 1.00 | 0.28 | 0.88 | -0.14 | -0.21 | 0.58 | 0.47 | 0.40 | 1.09 |
| 15 | 0.44 | 0.49 | 0.32 | -0.45 | -0.23 | 0.71 | -0.03 | 0.30 | 0.56 | 0.78 | 0.78 | 0.85 |
| 16 | 0.42 | 0.92 | 0.72 | -0.58 | -0.19 | 0.40 | 0.33 | 0.59 | 0.60 | 0.63 | 1.29 | -0.36 |
| 17 | 0.70 | 0.33 | 1.28 | -0.32 | 0.04 | 0.17 | 0.58 | 0.43 | 0.81 | 0.45 | 1.18 | -0.57 |
| 18 | 1.18 | -0.18 | 2.20 | -0.50 | 0.12 | 0.47 | 0.69 | 0.40 | 0.80 | 0.29 | 0.68 | -0.36 |
| 19 | 0.30 | 0.00 | 1.42 | -0.52 | 0.05 | 0.28 | 1.00 | 0.41 | 0.70 F | 0.28 | 0.77 | 0.07 |
| 20 | 0.36 | 0.05 | 0.98 | -0.58 | 0.23 | 0.62 | 1.49 | 0.39 | 0.61 | | 0.34 | 0.32 |
| 21 | 0.35 | 1.13 | 0.82 | -0.70 | | | 1.85 | 0.28 | 0.77 | 0.15 | -0.03 | 0.51 |
| 22 | 0.70 | 1.30 | 0.48 | -0.82 F | 0.09 | | 1.50 | 0.32 | 0.51 | 0.54 | 0.18 | 0.85 |
| 23 | -0.77 | -0.15 | 0.70 | -0.70 | 0.58 | 1.00 | 1.32 | 0.38 | 0.65 | 0.60 | 0.60 | 0.60 |
| 24 | -0.75 | 0.30 | 1.82 | -0.70 | 0.74 | 0.95 | 1.05 | 0.30 | 0.64 | 0.90 | 0.90 | 0.88 |
| 25 | 0.20 | 0.98 | 1.02 | -0.30 | 0.70 | 0.72 | 0.97 | 0.31 | 0.51 | 0.88 | 1.24 | 0.87 |
| 26 | -0.63 | 1.68 | 1.08 | -0.22 | 0.78 | 0.48 | 0.85 | 0.59 | 0.60 | 0.79 | 1.32 | 0.67 |
| 27 | -0.72 | 1.42 | 1.30 | -0.04 | 0.98 | 0.30 | 0.71 | 0.46 | 0.76 | 0.45 | 1.32 | 0.47 |
| 28 | -0.52 | 1.56 | 1.22 | -0.52 | 1.05 | 0.58 | 0.32 | 0.46 | 1.08 | 0.69 | 1.29 | -0.20 |
| 29 | -0.10 | ----- | 1.05 | -0.32 | 0.90 | 0.50 | 0.49 | 0.58 | 1.11 | 0.61 | 0.45 | -0.80 |
| 30 | 0.20 | ----- | 1.02 | -0.42 | 0.75 | 0.68 | 0.46 | 0.80 | 1.01 | 0.51 | -0.23 | -0.80 |
| 31 | 0.05 | ----- | -0.52 | ----- | 0.55 | ----- | 0.47 | 0.94 | ----- | 0.55 | ----- | -0.20 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|-------|-------|------|------|-------|-------|
| MEAN | 0.10 | 0.46 | 0.73 | -0.48 | 0.25 | 0.72 | 0.72 | 0.38 | 0.72 | 0.51 | 0.70 | 0.28 |
| MAX | 1.53 | 1.68 | 2.20 | 1.00 | 1.05 | 1.48 | 1.85 | 0.94 | 1.11 | 0.90 | 1.32 | 1.45 |
| MIN | -0.77 | -0.55 | -0.52 | -0.88 | -0.80 | 0.17 | -0.14 | -0.61 | 0.01 | 0.15 | -0.23 | -0.80 |
| DAYS | 31 | 28 | 31 | 30 | 30 | 28 | 31 | 31 | 30 | 28 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 359

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.42

HIGHEST STAGE WAS 3.45 AT 11.30 P.M. ON MAR. 17

LOWEST STAGE WAS MINUS 0.88 ON MAR. 31 AND LATER DATE(S)

DAILY STAGE FOR 1987

LAKE BORGNE AT RIGOLETS (LA)

LOCATION. LAT 30-08-30, LONG. 89-38-20 ON DOCK OF APACHE OIL COMPANY IN LITTLE RIGOLETS, NEAR IWW. (STA 8572503)

GAGE. AUTOMATIC RECORDER AND STAFF

GENERAL INFORMATION ON MAR 20, 1975 GAGE WAS RAISED 10.76 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAR. 19 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 10.00 FEET, NGVD.

RECORDS AVAILABLE. FEB 10. TO MAR 30, 1950, DEC 21, 1937, TO SEP. 10, 1965, AND JULY 11, 1967, TO DATE.

EXTREMES. HIGHEST, 12.25 FEET, FROM WATERMARK LEFT BY HURRICANE OF AUG 1969. LOWEST, MINUS 2.04 FEET ON FEB 23, 1978. EXTREMES HAVE BEEN ADJUSTED TO NGVD

DAILY EIGHT A M STAGE IN FEET

GAGE ZERO IS AT NGVD (1970 ADJ)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|------|-------|-------|--------|------|-------|-------|--------|-------|-------|
| 1 | | | | | -0.27 | 0.90 | 0.97 | 0.65 | 1.95 | 1.75 | 1.00 | -0.05 |
| 2 | | | | | 0.05 | 0.74 | 1.06 | 0.78 | 1.99 | 1.55 | 0.95 | -0.08 |
| 3 | | | | | 0.38 | 0.77 | 1.12 | 1.24 | 1.84 | 1.04 | 0.88 | -0.23 |
| 4 | | | | | 0.45 | 1.07 | 1.00 | 1.45 | 1.83 | 1.25 | 0.99 | -0.25 |
| 5 | | | | | 0.02 | 1.13 | 1.16 | 1.39 | 2.00 | 0.65 | 0.77 | 0.09 |
| 6 | | F | 1.10 | | 0.07 | 1.35 | 1.68 | 1.50 | 1.80 | 0.25 | 1.03 | 0.35 |
| 7 | | | 1.60 | | 0.00 | 1.83 | 2.05 | 1.45 | 1.35 | 0.15 | 1.07 | 1.48 |
| 8 | | | 1.07 | | 0.08 | 2.25 | 2.07 | 1.35 | 0.92 | 0.45 | 1.27 | 1.75 |
| 9 | | | | | 0.55 | 2.14 | 1.87 | 1.20 | 0.50 | 0.70 | 1.70 | 1.47 |
| 10 | | | F | 0.09 | 1.23 | 2.00 | 1.80 | 1.00 | 0.50 | 0.85 | 1.00 | 0.96 |
| 11 | | | | -0.38 | 1.23 | 1.96 | 1.57 | 0.45 | 0.89 | 0.95 | 0.50 | 0.73 |
| 12 | | | | 0.38 | 1.18 | 1.84 | 1.28 | -0.20 | 1.22 | 0.70 | 0.90 | 0.76 |
| 13 | | | | 1.13 | 1.13 | 1.58 | 0.68 | -0.31 | 1.20 | 0.87 | 0.55 | 1.45 |
| 14 | | | | 1.50 | 0.78 | 1.21 | 0.43 | 0.27 | 1.36 | 1.35 | 1.05 | 1.47 |
| 15 | | | | -0.38 | 0.30 | 1.25 | 0.96 | 1.04 | 1.30 | 1.58 | 1.32 | 0.65 |
| 16 | | | | -0.04 | 0.73 | 0.75 | 1.12 | 1.35 | 1.41 | 1.23 | | -0.15 |
| 17 | | | | -0.08 | 0.87 | 0.57 | 1.15 | 1.10 | 1.60 | 0.97 | 1.23 | -0.37 |
| 18 | | | | -0.38 | 0.50 | 0.70 | 1.39 | 1.22 | 1.52 | 0.93 | 1.05 | -0.15 |
| 19 | | | | -0.43 | 0.43 | 0.93 | 2.12 | 1.30 | 1.36 | 0.72 | 0.83 | 0.25 |
| 20 | | | | -0.48 | 0.57 | 1.28 | 2.22 | 1.27 | 1.40 | 0.56 | 0.32 | 0.47 |
| 21 | | | | -0.57 | 0.88 | 1.53 F | 2.24 | 1.05 | 1.44 | 0.34 | 0.22 | 0.58 |
| 22 | | | | -0.68 | 0.75 | 1.84 | 2.21 | 1.17 | 0.93 | 1.23 | 0.37 | 0.87 |
| 23 | | | | -0.39 | 1.50 | 1.77 | 2.06 | 1.14 | 1.22 | 0.83 | 0.87 | 0.94 |
| 24 | | | | -0.23 | 1.67 | 1.71 | 1.78 | 0.92 | 0.92 | 1.05 | 1.23 | 1.28 |
| 25 | | | | 0.18 | 1.64 | 1.48 | 1.67 | 0.90 | 0.85 | 0.95 F | 1.18 | 1.27 |
| 26 | | | | 0.40 | 1.80 | 1.27 | 1.50 | 1.10 | 0.85 | 1.07 | 1.82 | 1.07 |
| 27 | | | | 0.56 | 1.74 | 1.25 | 1.40 | 0.90 | 1.20 | 0.77 | 1.83 | 0.86 |
| 28 | | | | -0.19 | 1.70 | 1.37 | 0.84 | 1.00 | 1.74 | 1.25 | 1.53 | 0.02 |
| 29 | | ----- | | 0.30 | 1.57 | 1.33 | 1.05 | 1.25 | 1.74 | 1.20 | 0.90 | -1.10 |
| 30 | | ----- | | -0.07 | 1.28 | 1.16 | 1.05 | 1.50 | 1.70 | 1.12 | -0.19 | -0.48 |
| 31 | | ----- | | ----- | 1.13 | ----- | 1.05 | 1.69 | ----- | 1.22 | ----- | -0.06 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | |
|------|---|------|-------|-------|------|------|-------|------|------|-------|-------|
| MEAN | | 1.26 | 0.01 | 0.84 | 1.37 | 1.44 | 1.04 | 1.35 | 0.95 | 0.97 | 0.51 |
| MAX | | 1.60 | 1.50 | 1.80 | 2.25 | 2.24 | 1.69 | 2.00 | 1.75 | 1.83 | 1.75 |
| MIN | | 1.07 | -0.68 | -0.27 | 0.57 | 0.43 | -0.31 | 0.50 | 0.15 | -0.19 | -1.10 |
| DAYS | 0 | 0 | 3 | 21 | 31 | 30 | 31 | 30 | 31 | 29 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 268

F=NOT AT STATED TIME

HIGHEST STAGE WAS 2.74 AT 6:30 P.M. ON MAR 7.

LOWEST STAGE WAS MINUS 1.15 ON DEC 29

DAILY STAGE FOR 1987

CHEF MENTEUR PASS NEAR LAKE BORGNE (LA.)

LOCATION. LAT. 30-04-04, LONG. 89-48-25. ON EAST BANK, SOUTH OF U. S. HIGHWAY 90 BRIDGE, ON TALLY HO CLUB WHARF. (STA. 8575003.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. ON APR. 7, 1975 GAGE WAS RAISED 10.00 FEET TO AGREE WITH NEW GAGE ZERO. STAGES FROM JAN. 1 THRU APR. 6 WERE CORRECTED TO NEW DATUM. PRIOR TO 1975 GAGE ZERO WAS MINUS 10.00 FEET NGVD.

RECORDS AVAILABLE. STAGE, APR. 30, TO JUNE 9, 1945; FEB. 11, TO MAR. 30, 1950; JULY 27, 1957, TO SEP. 10, 1965, AND OCT. 18, 1967, TO DATE. PRIOR TO OCT. 18, 1967, GAGE WAS LOCATED ON LAKE BORGNE NEAR MOUTH OF CHEF MENTEUR PASS. DISCHARGE, 1937 AND 1945.

EXTREMES. HIGHEST, 9.07 FEET (FROM HIGH-WATER INDICATOR) AS RESULT OF HURRICANE ON SEP. 10, 1965. LOWEST, MINUS 1.69 FEET ON FEB. 23, 1978 (POSSIBLY LOWER IN MAR. 1965). EXTREMES HAVE BEEN ADJUSTED TO NGVD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|--------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.13 | 0.50 | 0.62 | -0.08 | -0.26 | 0.74 | 0.75 | 0.53 | 1.85 | 1.54 | 0.89 | -0.10 |
| 2 | 0.62 | 0.70 | 0.99 | -0.07 | -0.01 | 0.69 | 0.95 | 0.62 | 1.82 | 1.33 | 0.72 | -0.01 |
| 3 | 1.05 | 0.39 | 0.90 | -0.26 | 0.45 | 0.69 | 0.88 | 1.03 | 1.67 | 1.09 | 0.80 | 0.05 |
| 4 | 1.88 | 0.52 | 0.90 | -0.40 | 0.35 | 0.95 | 0.80 | 1.17 | 1.60 | 1.16 | 1.16 | 0.00 |
| 5 | 0.88 | 0.98 | 0.50 | -0.68 | -0.01 | 1.05 | 0.90 | 1.15 | 1.83 | 0.50 | 1.00 | 0.43 |
| 6 | 0.20 | 1.80 | 0.50 | -0.75 | -0.05 | 1.20 | 1.39 | 1.12 | 1.59 | 0.20 | 1.22 | 0.54 |
| 7 | -0.10 | 0.72 | 1.68 | -0.70 | 0.04 | 1.70 | 1.55 | 1.10 | 1.20 | 0.15 | 1.16 | 1.57 |
| 8 | -0.10 | 0.08 | 1.06 | -0.40 | 0.05 | 1.98 | 1.75 | 1.10 | 0.84 | 0.42 | 1.30 | 1.94 |
| 9 | 0.14 | -0.25 | 0.00 | -0.60 | 0.55 | 1.95 | 1.58 | 1.01 | 0.52 | 0.70 | 1.61 | 1.63 |
| 10 | 0.04 | -0.12 | 0.12 | -0.62 | 1.08 | 1.75 | 1.41 | 0.89 | 0.39 | 0.85 | 1.10 | 1.10 |
| 11 | -0.62 | 0.00 | 0.55 | -0.48 | 1.10 | 1.70 | 1.23 | 0.41 | 0.81 | 0.95 | 0.60 | 0.75 |
| 12 | -0.62 | 0.14 | 0.40 | 0.02 | 0.98 | 1.64 | 0.95 | -0.29 | 1.08 | 0.80 | 0.85 | 0.75 |
| 13 | -0.65 | -0.01 | 0.50 | 0.90 | 1.01 | 1.38 | 0.42 | -0.40 | 1.05 | 0.84 | 0.65 | 1.33 |
| 14 | -0.30 | 0.40 F | 0.63 | 1.34 | 0.62 | 1.05 | 0.20 | 0.13 | 1.20 | 1.19 | 0.92 | 1.40 |
| 15 | 0.58 | 0.88 | | -0.38 | 0.02 | 1.15 | 0.75 | 0.83 | 1.11 | 1.44 | 1.23 | 0.77 |
| 16 | 0.75 | 1.02 F | 0.97 | -0.08 | 0.45 | 0.70 | 0.94 | 1.11 | 1.14 | 1.10 | 1.70 | -0.09 |
| 17 | 0.82 | 0.62 | 1.85 | 0.02 | 0.49 | 0.38 | 1.04 | 0.90 | 1.34 | 0.85 | 1.21 | -0.08 |
| 18 | 1.25 | 0.10 | 2.58 | -0.20 | 0.25 | 0.62 | 1.30 | 0.97 | 1.30 | 0.72 | 1.11 | -0.02 |
| 19 | -0.05 | 0.50 | 1.80 | -0.35 | 0.28 | 0.76 | 1.80 | 0.98 | 1.20 | 0.55 | 1.10 | 0.37 |
| 20 | 0.70 | 0.48 | 1.32 | -0.50 | 0.42 | 1.15 | 2.06 | 1.02 | 1.33 | 0.49 | 0.68 | 0.50 |
| 21 | 0.74 | 1.59 | 0.82 | -0.68 | 0.75 | 1.32 | 2.55 | 0.80 | 1.27 | 0.70 | 0.49 | 0.68 |
| 22 | 0.60 | 1.50 | 0.52 | -0.70 | 0.58 | 1.60 | 2.02 | 0.95 | 0.93 | 1.28 | 0.58 | 0.86 |
| 23 | -0.85 | -0.08 | 0.78 | -0.40 | 1.22 | 1.50 | 1.85 | 0.96 | 1.13 | 1.01 | 1.00 | 0.90 |
| 24 | -0.72 | 0.70 | 1.99 | -0.30 | 1.32 | 1.42 | 1.60 | 0.80 | 0.96 | 1.22 | 1.35 | 1.20 |
| 25 | 0.20 | 1.15 | 1.22 | 0.32 | 1.44 | 1.32 | 1.49 | 0.77 | 0.84 | 1.11 | 1.60 | 1.29 |
| 26 | -0.62 | 1.90 | 1.40 | 0.30 | 1.62 | 0.95 | 1.47 | 0.98 | 0.83 | 1.12 | 1.84 | 1.03 |
| 27 | -0.69 | 1.40 | 1.40 | 0.45 | 1.52 | 1.08 | 1.12 | 0.82 | 1.17 | 0.98 | 1.78 | 0.80 |
| 28 | -0.55 | 1.72 | 1.42 | -0.28 | 1.58 | 1.15 | 0.69 | 0.88 | 1.54 | 1.23 | 1.55 | 0.08 |
| 29 | 0.00 | ----- | 1.34 | 0.20 | 1.40 | 0.90 | 0.91 | 1.15 | 1.66 | 1.18 | 0.88 | -0.83 |
| 30 | 0.25 | ----- | 1.30 | -0.10 | 1.22 | 0.95 | 0.91 | 1.40 | 1.69 | 1.00 | -0.15 | -0.51 |
| 31 | 0.32 | ----- | -0.32 | ----- | 1.10 | ----- | 0.92 | 1.62 | ----- | 1.10 | ----- | 0.00 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|------|-------|------|------|-------|-------|
| MEAN | 0.20 | 0.69 | 0.99 | -0.18 | 0.70 | 1.18 | 1.23 | 0.86 | 1.23 | 0.93 | 1.06 | 0.59 |
| MAX | 1.88 | 1.90 | 2.58 | 1.34 | 1.62 | 1.98 | 2.55 | 1.62 | 1.85 | 1.54 | 1.84 | 1.94 |
| MIN | -0.85 | -0.25 | -0.32 | -0.75 | -0.26 | 0.38 | 0.20 | -0.40 | 0.39 | 0.15 | -0.15 | -0.83 |
| DAYS | 31 | 28 | 30 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 364

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 0.79

HIGHEST STAGE WAS 3.59 AT 1.00 A.M. ON MAR 24.

LOWEST STAGE WAS MINUS 0.94 ON JAN 27.

DAILY STAGE FOR 1987

BAYOU TERRE AUX BOEUFs AT DELACROIX, LA.

LOCATION. LAT. 29-43-50, LONG. 89-47-32. ON WHARF AT SOUTHERN NATURAL GAS COMPANY.
(STA. 8978004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. MAY 15, 1975 TO DATE.

EXTREMES. HIGHEST, 6.86 FEET (CAUSED BY HURRICANE) ON OCT. 28, 1985. LOWEST, MINUS 1.29 FEET ON
FEB. 23, 1978.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|-------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.44 | 0.78 | 1.34 | 0.30 | -0.03 | 1.15 | 0.97 | 0.57 | 1.22 | 1.21 | 0.88 | 0.33 |
| 2 | 1.20 | 0.81 | 1.10 | 0.38 | 0.12 | 1.05 | 0.92 | 0.48 | 1.32 | 1.16 | 0.76 | 0.47 |
| 3 | 1.12 | 0.60 | 0.95 | 0.30 | 0.44 | 1.03 | 0.78 | 0.66 | 1.24 | 0.75 | 0.95 | 0.64 |
| 4 | 1.40 | 0.65 | 0.90 | 0.12 | 0.63 | 0.98 | 0.67 | 0.79 | 1.15 | 0.92 | 1.57 | 0.54 |
| 5 | 0.92 | 1.29 | 0.80 | 0.10 | 0.62 | 0.92 | 0.76 | 0.87 | 1.42 | 0.73 | 1.55 | 0.63 |
| 6 | 0.57 | 2.20 | 0.90 | 0.13 | 0.54 | 1.05 | 0.93 | 0.74 | 1.37 | 0.60 | 1.48 | 0.85 |
| 7 | 0.50 | 1.60 | 1.54 | 0.16 | 0.63 | 1.56 | 1.18 | 0.85 | 1.26 | 0.56 | 1.57 | 1.17 |
| 8 | 0.62 | 1.14 | 1.85 | 0.26 | 0.55 | 1.78 | 1.15 | 0.83 | 1.12 | 0.72 | 1.58 | 1.60 |
| 9 | 0.76 | 0.46 | 1.08 | 0.08 | 0.47 | 1.83 | 1.10 | 0.84 | 0.73 | 0.94 | 1.76 | 1.60 |
| 10 | 0.82 | 0.56 | 0.85 | -0.04 | 0.85 | 1.60 | 1.05 | 0.87 | 0.73 | 1.05 | 1.47 | 1.33 |
| 11 | 0.17 | 0.60 | 0.95 | -0.03 | 0.98 | 1.57 | 1.00 | 0.57 | 0.99 | 1.13 | 0.70 | 1.03 |
| 12 | 0.20 | 0.60 | 0.72 | 0.29 | 0.90 | 1.56 | 1.01 | 0.12 | 0.97 | 0.82 | 0.78 | 0.95 |
| 13 | 0.15 | 0.40 | 0.92 | 0.74 | 0.83 | 1.45 | 0.94 | -0.14 | 0.96 | 0.50 | 0.67 | 0.98 |
| 14 | 0.42 | 0.65 | 0.68 | 1.18 | 0.63 | 1.33 | 0.79 | 0.13 | 0.89 | 0.68 | 0.75 | 1.40 |
| 15 | 0.98 | 0.90 | 0.90 | 0.54 | 0.43 | 1.18 | 0.54 | 0.39 | 0.91 | 1.03 | 1.03 | 1.50 |
| 16 | 1.15 | 0.95 | 1.16 | -0.08 | 0.38 | 1.07 | 0.75 | 0.64 | 0.93 | 0.98 | 1.48 | 0.65 |
| 17 | 1.35 | 0.72 | 1.55 | 0.00 | 0.62 | 0.84 | 0.90 | 0.53 | 1.02 | 0.84 | 1.60 | 0.40 |
| 18 | 1.58 | 0.34 | 2.22 | 0.01 | 0.75 | 0.80 | 0.96 | 0.42 | 1.03 | 0.65 | 1.35 | 0.50 |
| 19 | 1.02 | 0.25 | 1.90 | 0.09 | 0.80 | 0.70 | 1.35 | 0.28 | 1.03 | 0.72 | 1.56 | 0.74 |
| 20 | 0.75 | 0.75 | 1.74 | 0.27 | 0.92 | 0.81 | 1.68 | 0.45 | 0.96 | 0.77 | 1.26 | 1.04 |
| 21 | 0.85 | 1.42 | 1.68 | 0.16 | 0.96 | 0.90 | 2.11 | 0.47 | 1.15 | 0.59 | 0.90 | 1.10 |
| 22 | 1.25 | 1.64 | 1.49 | -0.10 | 0.86 | 0.98 | 1.70 | 0.57 | 1.13 | 1.05 | 1.00 | 1.20 |
| 23 | 0.25 | 0.76 | 1.62 | -0.01 | 0.95 | 1.07 | 1.52 | 0.63 | 1.15 | 1.30 | 1.16 | 1.10 |
| 24 | 0.20 | 0.98 | 2.34 | -0.04 | 1.15 | 1.00 | 1.44 | 0.70 | 1.19 | 1.40 | 1.26 | 1.15 |
| 25 | 0.84 | 1.38 | 2.06 | 0.17 | 1.14 | 0.90 | 1.33 | 0.78 | 1.14 | 1.40 | 1.40 | 1.19 |
| 26 | -0.01 | 2.12 | 2.00 | 0.20 | 1.33 | 0.73 | 1.25 | 1.01 | 1.20 | 1.30 | 1.43 | 1.20 |
| 27 | 0.01 | 1.84 | 2.08 | 0.29 | 1.44 | 0.75 | 1.13 | 0.95 | 1.30 | 1.12 | 1.49 | 1.00 |
| 28 | 0.16 | 1.95 | 1.95 | -0.07 | 1.50 | 0.96 | 1.00 | 0.94 | 1.31 | 0.95 | 1.45 | 0.73 |
| 29 | 0.46 | ----- | 1.80 | -0.07 | 1.35 | 1.09 | 0.82 | 0.95 | 1.32 | 0.93 | 0.88 | -0.23 |
| 30 | 0.65 | ----- | 1.56 | 0.09 | 1.35 | 1.07 | 0.79 | 1.13 | 1.25 | 0.83 | 0.60 | 0.08 |
| 31 | 0.54 | ----- | 0.66 | ----- | 1.23 | ----- | 0.79 | 1.17 | ----- | 0.83 | ----- | 0.34 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|------|------|-------|-------|------|------|-------|------|------|------|-------|
| MEAN | 0.72 | 1.01 | 1.40 | 0.18 | 0.82 | 1.12 | 1.07 | 0.65 | 1.11 | 0.92 | 1.21 | 0.88 |
| MAX | 1.58 | 2.20 | 2.34 | 1.18 | 1.50 | 1.83 | 2.11 | 1.17 | 1.42 | 1.40 | 1.76 | 1.60 |
| MIN | -0.01 | 0.25 | 0.66 | -0.10 | -0.03 | 0.70 | 0.54 | -0.14 | 0.73 | 0.50 | 0.60 | -0.23 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 0.92

HIGHEST STAGE WAS 2.53 AT MIDNIGHT ON MAR 17 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 0.37 ON DEC 29.

DAILY STAGE FOR 1987

MISSISSIPPI RIVER-GULF OUTLET AT SHELL BEACH, LA.

LOCATION. LAT. 29-51. LONG. 89-41. ON SOUTH BANK, 50 FEET EAST OF JUNCTION WITH BAYOU YSCLOSKEY.
(STA. 8580004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. JULY 7, 1948, TO DATE. PRIOR TO JUNE 30, 1961, GAGE WAS LOCATED IN BAYOU
YSCLOSKEY, 500 FEET ABOVE MOUTH.

EXTREMES. HIGHEST, 11.06 FEET (CAUSED BY HURRICANE) ON AUG. 17, 1969. ESTIMATED LOWEST, MINUS 2.7
FEET ON MAR. 5, 1965.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|
| 1 | 1.14 | 0.73 | | 0.40 | 0.20 | 0.96 | 1.08 | 0.79 | 2.26 | 2.15 | 1.18 | 0.12 |
| 2 | 0.48 | 0.85 | | 0.20 | 0.41 | 0.85 | 1.11 | 1.01 | 2.26 | 1.69 | 0.94 | 0.06 |
| 3 | 1.38 | 0.72 | | -0.08 | 0.70 | 0.93 | 1.12 | 1.34 | 2.14 | 1.64 | 1.17 | -0.30 |
| 4 | 2.06 | 0.85 | | 0.03 | 0.70 | 1.22 | 1.06 | 1.46 | 2.11 | 1.71 | 1.39 | -0.31 |
| 5 | 1.25 | 1.44 | | -0.18 | 0.24 | 1.43 | 1.23 | 1.55 | 2.39 | 0.78 | 1.20 | 0.32 |
| 6 | 0.55 | 1.98 | | -0.40 | 0.35 | 1.59 | | 1.67 | 1.95 | 0.37 | 1.58 | 0.33 |
| 7 | 0.25 | 0.59 | | -0.45 | 0.44 | 2.11 | | 1.62 | 1.43 | 0.43 | 1.29 | 1.71 |
| 8 | 0.18 | -0.09 | | | 0.36 | 2.34 | | 1.52 | 1.01 | 0.65 | 1.50 | 2.11 |
| 9 | 0.33 | -0.20 | | -0.61 | 0.82 | 2.24 | 1.93 | 1.35 | 0.73 | 0.75 | 1.94 | 1.76 |
| 10 | -0.14 | -0.35 | | -0.48 | 1.27 | 2.15 | 1.82 | 1.10 | 0.46 | 1.15 | 1.24 | 1.20 |
| 11 | -0.57 | -0.34 | | -0.21 | 1.40 | 2.12 | 1.55 | 0.48 | 0.95 | 1.25 | 1.07 | 0.88 |
| 12 | -0.78 | -0.25 | 0.43 | 0.35 | 1.43 | 1.97 | 1.25 | -0.11 | 1.30 | 1.22 | 1.22 | 0.94 |
| 13 | -0.74 | -0.31 | 0.41 | 1.13 | 1.40 | 1.60 | 0.66 | -0.05 | 1.30 | 1.35 | 0.85 | 1.67 |
| 14 | -0.39 | 0.25 | 0.23 | 1.52 | 1.05 | 1.23 | 0.53 | 0.48 | 1.55 | 1.67 | 1.17 | 1.50 |
| 15 | 0.64 | 1.03 | 0.74 | -0.30 | 0.38 | 1.25 | | 1.17 | 1.46 | 1.89 | 1.43 | 1.16 |
| 16 | 1.10 | 1.12 | 1.20 | 0.33 | 0.99 | 0.76 | | 1.39 | 1.46 | 1.42 | 1.89 | 0.15 |
| 17 | 1.08 | 0.75 | 2.12 | 0.53 | 0.74 | 0.63 | | 1.24 | | 1.19 | 1.66 | 0.16 |
| 18 | 1.36 | 0.35 | 2.39 | 0.17 | 0.57 | 0.73 | | 1.29 | | 0.98 | 1.23 | 0.03 |
| 19 | -0.30 | 0.89 | 2.14 | -0.03 | 0.50 | 0.89 | | 1.35 | | 0.88 | 1.17 | 0.17 |
| 20 | 1.02 | 0.57 | 1.70 | -0.28 | 0.65 | 1.36 | | 1.35 | | 0.79 | 1.11 | 0.28 |
| 21 | 1.22 | 1.46 | 0.99 | -0.64 | 0.95 | 1.66 | | 1.23 | | 1.11 | 0.66 | 0.75 |
| 22 | 0.52 | 1.28 | 0.71 | -0.60 | 0.76 | 1.95 | | 1.24 | | 1.64 | 0.39 | 1.09 |
| 23 | -0.75 | -0.13 | 0.75 | -0.18 | 1.53 | 1.94 | | 1.33 | | 1.22 | 1.06 | 1.15 |
| 24 | -0.72 | 0.58 | 1.93 | -0.04 | 1.71 | 1.78 | 1.93 | 1.09 | 1.17 | 1.23 | 1.45 | 1.45 |
| 25 | 0.04 | 1.13 | 1.30 | -0.74 | 1.82 | 1.46 | 1.78 | 1.01 | 0.98 | 1.20 | 1.85 | 1.49 |
| 26 | -0.81 | | 1.42 | 0.85 | 2.00 | 1.30 | 1.72 | 1.15 | 0.99 | 1.29 | 2.14 | 1.29 |
| 27 | | | 1.34 | 0.80 | 1.92 | 1.64 | 1.42 | 0.99 | 1.32 | | 2.18 | 1.14 |
| 28 | | | 1.56 | 0.07 | 1.81 | 1.63 | 0.98 | 1.16 | 1.85 | | 1.72 | |
| 29 | -0.19 | ----- | 1.49 | 0.91 | 1.65 | 1.29 | 1.12 | 1.28 | 1.87 | 1.53 | 1.23 | |
| 30 | 0.19 | ----- | 1.48 | 0.32 | 1.41 | 1.22 | 1.13 | 1.75 | 2.27 | 1.28 | 1.12 | |
| 31 | 0.48 | ----- | 0.00 | ----- | 1.31 | ----- | 1.13 | 1.92 | ----- | 1.42 | ----- | |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|-------|------|------|------|-------|------|------|------|-------|
| MEAN | 0.34 | 0.60 | 1.22 | 0.13 | 1.02 | 1.47 | 1.29 | 1.17 | 1.53 | 1.24 | 1.33 | 0.83 |
| MAX | 2.06 | 1.98 | 2.39 | 1.52 | 2.00 | 2.34 | 1.93 | 1.92 | 2.39 | 2.15 | 2.18 | 2.11 |
| MIN | -0.81 | -0.35 | 0.00 | -0.64 | 0.20 | 0.63 | 0.53 | -0.11 | 0.46 | 0.37 | 0.39 | -0.31 |
| DAYS | 29 | 25 | 20 | 29 | 31 | 30 | 19 | 31 | 23 | 29 | 30 | 27 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 323

THE MEAN STAGE FOR THE YEAR WAS 1.00.

HIGHEST STAGE WAS 4.00 AT 11:00 P.M. ON MAR 23.

LOWEST STAGE WAS MINUS 1.20 ON JAN 28

DAILY STAGE FOR 1987

BRETON SOUND NEAR GARDNER ISLAND, LA.

LOCATION. LAT. 29-42-23, LONG. 89-25-37. ON MISSISSIPPI RIVER-GULF OUTLET AT MILE 23.2 AND U. S. COAST GUARD LIGHT NUMBER 72. (STA. 8585004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. STAGE, JAN. 25, 1957, TO JUNE 1, 1965, AUG. 26, 1966, TO DEC. 1983, AND NOV. 14, 1987 TO DATE. LOCATION OF GAGE HAS BEEN CHANGED SEVERAL TIMES DURING PERIOD OF RECORD.

EXTREMES. HIGHEST, 5.74 FEET (AFFECTED BY HURRICANE) ON SEP. 15, 1960 (PROBABLY HIGHER DURING HURRICANE OF AUG. 1969). LOWEST, MINUS 3.04 FEET ON FEB. 25, 1961.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1970 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-------|-----|-------|-----|-------|-----|-----|-------|-----|-------|-------|
| 1 | | | | | | | | | | | | 0.04 |
| 2 | | | | | | | | | | | | -0.17 |
| 3 | | | | | | | | | | | | -0.75 |
| 4 | | | | | | | | | | | | -1.12 |
| 5 | | | | | | | | | | | | -0.42 |
| 6 | | | | | | | | | | | | -0.45 |
| 7 | | | | | | | | | | | | 0.47 |
| 8 | | | | | | | | | | | | 1.01 |
| 9 | | | | | | | | | | | | 0.72 |
| 10 | | | | | | | | | | | | 0.35 |
| 11 | | | | | | | | | | | | 0.25 |
| 12 | | | | | | | | | | | | 0.40 |
| 13 | | | | | | | | | | | | 1.39 |
| 14 | | | | | | | | | | | 0.78 | 1.18 |
| 15 | | | | | | | | | | | 1.10 | -0.48 |
| 16 | | | | | | | | | | | 1.64 | -0.24 |
| 17 | | | | | | | | | | | 0.92 | -0.44 |
| 18 | | | | | | | | | | | 1.14 | -0.47 |
| 19 | | | | | | | | | | | 0.42 | -0.51 |
| 20 | | | | | | | | | | | -0.22 | -0.68 |
| 21 | | | | | | | | | | | -0.20 | -0.38 |
| 22 | | | | | | | | | | | -0.64 | -0.11 |
| 23 | | | | | | | | | | | -0.04 | 0.00 |
| 24 | | | | | | | | | | | 0.30 | 0.36 |
| 25 | | | | | | | | | | | 0.71 | 0.63 |
| 26 | | | | | | | | | | | 1.13 | 0.62 |
| 27 | | | | | | | | | | | 1.35 | 0.67 |
| 28 | | | | | | | | | | | 0.95 | -0.20 |
| 29 | | ----- | | | | | | | | | 1.01 | -0.84 |
| 30 | | ----- | | | | | | | | | -0.15 | -0.46 |
| 31 | | ----- | | ----- | | ----- | | | ----- | | | -0.41 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|-------|-------|
| MEAN | | | | | | | | | | | 0.60 | 0.00 |
| MAX | | | | | | | | | | | 1.64 | 1.39 |
| MIN | | | | | | | | | | | -0.64 | -1.12 |
| DAYS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 48

HIGHEST STAGE WAS NOT DETERMINED.

LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGE FOR 1987

WEST BAY NEAR BURRWOOD, LA.

LOCATION. LAT. 29-02-25, LONG. 89-20-16. ON CHEVRON OIL CO. DOCK, IN THE VICINITY OF MILE 9.2 OF SOUTHWEST PASS OF THE MISSISSIPPI RIVER. (STA. 8835004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. SUBTRACT 0.79 FOOT FROM DAILY STAGES PRIOR TO 1975.

RECORDS AVAILABLE. NOV. 26, 1974 TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 4.43 FEET ON APR. 14, 1983. LOWEST, MINUS 1.06 FEET (FROM INCOMPLETE RECORDS) ON FEB. 12, 1986.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|--------|--------|------|--------|-------|-------|-------|-------|
| 1 | 1.13 | 1.20 | 1.88 | 2.05 | 2.19 | 2.10 F | 2.58 | 1.78 | 1.88 | | | |
| 2 | 0.88 | 1.65 | 1.63 | 2.13 | 2.20 | 1.93 | | 1.67 | 1.95 | | | |
| 3 | 1.17 | 1.53 | 1.84 | 1.93 | 2.09 | 1.88 | | 1.80 | 2.40 | | | |
| 4 | 1.92 | 1.67 | 1.85 | 1.88 | 2.07 | 1.93 | | 2.17 | 2.73 | | | |
| 5 | 1.68 | 1.62 | 2.05 | 1.74 | 1.75 | 1.80 | | 2.38 | 3.00 | | | |
| 6 | 1.63 | 1.90 | 1.82 | 1.74 | 1.72 | 1.90 | | 2.58 | 2.90 | | | |
| 7 | 1.45 | 1.64 | 2.20 | 1.77 | 1.67 | 2.18 F | 2.58 | 2.69 | 2.55 | | | |
| 8 | 1.42 | 1.15 | 2.20 | 1.67 | 1.61 F | 2.57 | 2.88 | 2.75 | 2.27 | | | |
| 9 | 1.40 | 0.75 | 2.25 | 1.58 | 1.87 | 2.65 | 2.63 | 2.77 F | 1.63 | | | |
| 10 | 1.35 | 0.75 | 1.58 | 1.60 | 1.94 | 2.82 | 2.95 | 2.57 F | 1.63 | | | |
| 11 | 0.77 | 0.65 | 1.68 | 1.72 | 2.22 | 2.97 | 3.09 | 2.18 | 1.22 | | | |
| 12 | 0.54 | 0.65 | 1.55 | 1.80 | 2.37 F | 2.97 | 2.86 | 1.71 | 1.05 | | | |
| 13 | 0.53 | 0.67 | 1.55 | 2.13 | 2.62 F | 2.98 | 2.67 | 1.44 | 1.15 | | | |
| 14 | 0.63 | 1.05 | 1.78 | 2.45 | 2.63 F | 2.90 | 2.22 | 1.32 | 1.40 | | | |
| 15 | 0.71 | 1.45 | 1.93 | 2.63 | 2.50 | 2.72 | 1.84 | 1.25 | 1.50 | | | |
| 16 | 1.00 | 1.70 | 2.06 | 2.64 | 2.57 F | 2.65 | 1.70 | 1.42 | 1.87 | | | |
| 17 | 1.04 | 1.55 | 2.50 | 2.70 | 2.54 | | 1.59 | 1.57 | 2.13 | | | |
| 18 | 1.57 | 1.57 | 2.90 | 2.45 | 2.13 | | 1.69 | 1.78 | 2.25 | | | |
| 19 | 1.55 | 1.53 | 3.03 | 2.13 | 2.06 | | 2.07 | 1.86 | 2.48 | | | |
| 20 | 1.16 | 1.72 | 2.93 | 1.90 | 1.85 | | 2.57 | 2.02 | 0.34 | | | |
| 21 | 1.54 | 2.04 | 2.47 | 1.75 | 1.91 | | 2.75 | 2.07 | 0.32 | | | |
| 22 | 1.93 | 2.71 | 2.54 | 1.57 | 1.60 F | 2.58 | 2.72 | 2.05 | 0.67 | | | |
| 23 | 1.13 | 1.10 | 2.40 | 1.57 | 1.93 | 2.57 | 2.90 | 2.10 | 0.69 | | | |
| 24 | 1.13 | 1.57 | 2.48 | 1.66 | 1.93 | 2.64 | 2.93 | 2.14 | 0.86 | | | |
| 25 | 1.68 | 1.10 | 1.95 | 1.80 | 2.17 | 2.60 | 2.78 | 2.04 | 1.09 | | | |
| 26 | 0.68 | 1.30 | 2.20 | 1.88 | 2.45 | 2.59 | 2.55 | 1.84 | 1.22 | | | |
| 27 | 0.17 | 1.28 | 2.05 | 2.10 | 2.57 | | 2.45 | 1.55 | 1.36 | | | |
| 28 | 0.13 | 1.75 | 2.39 | 2.30 | 2.66 | | 2.40 | 1.38 | 1.00 | | | |
| 29 | 0.32 | ----- | 2.40 | 2.30 | 2.50 | | 2.09 | 1.37 | 1.00 | | | |
| 30 | 0.50 | ----- | 2.78 | 2.28 | 2.44 | | 2.07 | 1.34 | 0.58 | | | |
| 31 | 0.61 | ----- | 2.13 | ----- | 2.20 | ----- | 1.67 | 1.50 | ----- | ----- | ----- | ----- |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|---|---|---|
| MEAN | 1.08 | 1.40 | 2.16 | 1.99 | 2.16 | 2.47 | 2.43 | 1.91 | 1.57 | | | |
| MAX | 1.93 | 2.71 | 3.03 | 2.70 | 2.66 | 2.98 | 3.09 | 2.77 | 3.00 | | | |
| MIN | 0.13 | 0.65 | 1.55 | 1.57 | 1.60 | 1.80 | 1.59 | 1.25 | 0.32 | | | |
| DAYS | 31 | 28 | 31 | 30 | 31 | 21 | 26 | 31 | 30 | 0 | 0 | 0 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 259

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS 1.88.

HIGHEST STAGE WAS 3.51 AT 2:00 P.M. ON FEB 22.

LOWEST STAGE WAS MINUS 0.34 ON SEP 30.

DAILY STAGE FOR 1987

GRAND ISLE EAST POINT, LA.

LOCATION. LAT. 29-15-48, LONG. 89-57-24. AT U.S. COAST GUARD BASE. (STA. 8840004.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. GAGE READ AND MAINTAINED BY NATIONAL OCEAN SERVICE. PRIOR TO 1980 GAGE WAS TITLED BAYOU RIGAUD AT GRAND ISLE, LA. IN 1980 GAGE WAS RELOCATED AND RAISED 1.56 FEET. STAGES IN 1980 PRIOR TO THE RELOCATION WERE ADJUSTED TO NEW GAGE ZERO. GAGE ZERO OF PUBLISHED REPORTS PRIOR TO 1980 SHOULD BE CORRECTED TO MINUS 4.61 FEET N.G.V.D. FROM 1980 TO 1986 GAGE ZERO WAS MINUS 3.05 FEET N.G.V.D.

RECORDS AVAILABLE. STAGE, AUG. 2, 1947, TO DATE. PUBLISHED BY CORPS OF ENGINEERS SINCE 1949.

EXTREMES. HIGHEST, 10.6 FEET (CAUSED BY HURRICANE) ON SEP. 9, 1965. LOWEST, 1.4 FEET ON FEB. 2, 1951 AND JAN. 13, 1964. EXTREMES HAVE BEEN ADJUSTED TO CURRENT GAGE ZERO.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, MINUS 5.60 FEET, NGVD (1983 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| 1 | 5.22 | 5.70 | 5.82 | 5.99 | 6.22 | 6.67 | 6.55 | 6.27 | 6.42 | 6.43 | 6.23 | 5.60 |
| 2 | 5.13 | 5.89 | 5.83 | 6.16 | 6.43 | 6.44 | 6.43 | 6.13 | 6.76 | 6.83 | 6.15 | 5.43 |
| 3 | 5.61 | 5.85 | 6.03 | 5.74 | 6.65 | 6.43 | 6.44 | 6.28 | 7.01 | 6.34 | 6.17 | 4.94 |
| 4 | 5.63 | 6.10 | 6.00 | 5.74 | 6.57 | 6.42 | 6.30 | 6.52 | 7.19 | 6.54 | 6.14 | 4.87 |
| 5 | 5.80 | 6.02 | 5.96 | 5.48 | 6.04 | 6.30 | 6.35 | 6.78 | 7.48 | 6.40 | 5.74 | 4.92 |
| 6 | 5.87 | 6.47 | 5.87 | 5.58 | 6.02 | 6.41 | 6.72 | 6.97 | 7.27 | 6.01 | 5.31 | 5.17 |
| 7 | 5.58 | 5.68 | 6.39 | 5.53 | 6.11 | 6.93 | 6.63 | 7.03 | 6.88 | 5.57 | 5.44 | 5.57 |
| 8 | 5.61 | 5.10 | 6.16 | 5.49 | 5.80 | 7.23 | 7.04 | 7.07 | 6.56 | 5.31 | 5.58 | 5.83 |
| 9 | 5.69 | 4.82 | 5.80 | 5.39 | 6.12 | 7.35 | 7.15 | 7.07 | 5.92 | 5.29 | 6.01 | 5.86 |
| 10 | 5.41 | 4.84 | 5.44 | 5.45 | 6.25 | 7.42 | 7.31 | 6.85 | 5.70 | 5.23 | 5.59 | 5.85 |
| 11 | 4.78 | 4.83 | 5.68 | 5.79 | 6.56 | 7.56 | 7.31 | 6.50 | 5.94 | 5.50 | 5.33 | 5.74 |
| 12 | 4.61 | 4.88 | 5.40 | 6.03 | 6.69 | 7.56 | 7.02 | 5.99 | 5.83 | 5.53 | 5.42 | 6.02 |
| 13 | 4.81 | 4.89 | 5.30 | 6.38 | 6.73 | 7.34 | 6.76 | 5.84 | 5.86 | 5.61 | 5.59 | 6.11 |
| 14 | 5.02 | 5.30 | 5.69 | 6.88 | 6.70 | 7.05 | 6.30 | 5.76 | 6.14 | 5.97 | 6.06 | 6.46 |
| 15 | 5.16 | 5.86 | 6.01 | 6.41 | 6.53 | 6.80 | 6.12 | 5.86 | 6.16 | 6.20 | 6.26 | 5.73 |
| 16 | 5.51 | 5.93 | 6.29 | 6.38 | 6.46 | 6.50 | 6.09 | 6.04 | 6.52 | 6.31 | 6.69 | 5.31 |
| 17 | 5.66 | 5.79 | 7.12 | 6.51 | 6.35 | 6.33 | 6.10 | 6.09 | 6.87 | 6.22 | 6.11 | 5.00 |
| 18 | 6.17 | 5.92 | 7.14 | 6.36 | 6.18 | 6.38 | 6.25 | 6.26 | 6.84 | 6.17 | 5.91 | 5.08 |
| 19 | 5.11 | 5.66 | 7.12 | 6.05 | 6.20 | 6.26 | 6.61 | 6.33 | 6.82 | 6.23 | 5.74 | 5.12 |
| 20 | 5.59 | 5.81 | 6.94 | 5.88 | 6.14 | 6.46 | 7.12 | 6.55 | 6.77 | 6.22 | 5.16 | 5.08 |
| 21 | 5.92 | 6.06 | 6.71 | 5.61 | 6.32 | 6.72 | 7.16 | 6.56 | 6.76 | 5.52 | 4.82 | 4.98 |
| 22 | 5.73 | 6.31 | 6.66 | 5.42 | 6.16 | 6.91 | 7.21 | 6.48 | 6.43 | 5.76 | 4.82 | 5.04 |
| 23 | 5.20 | 5.01 | 6.66 | 5.43 | 6.43 | 7.06 | 7.34 | 6.57 | 6.41 | 5.56 | 5.02 | 5.32 |
| 24 | 5.30 | 5.90 | 6.70 | 5.47 | 6.67 | 7.01 | 7.27 | 6.63 | 6.19 | 5.43 | 5.41 | 5.70 |
| 25 | 5.66 | 5.31 | 6.17 | 5.75 | 6.90 | 6.93 | 7.08 | 6.61 | 6.03 | 5.27 | 5.73 | 5.97 |
| 26 | 4.78 | 5.61 | 6.44 | 5.89 | 7.14 | 6.83 | 6.92 | 6.45 | 5.96 | 5.55 | 6.16 | 5.96 |
| 27 | 4.29 | 5.68 | 6.43 | 6.13 | 7.26 | 6.84 | 6.82 | 6.20 | 5.84 | 5.46 | 6.35 | 6.12 |
| 28 | 4.48 | 6.23 | 6.72 | 6.19 | 7.28 | 6.80 | 6.71 | 6.04 | 6.02 | 5.65 | 6.36 | 5.66 |
| 29 | 4.63 | ----- | 6.84 | 6.38 | 7.14 | 6.83 | 6.49 | 6.06 | 6.08 | 5.89 | 6.18 | 4.90 |
| 30 | 4.89 | ----- | 6.65 | 6.32 | 7.05 | 6.62 | 6.37 | 6.00 | 6.33 | 6.03 | 5.89 | 5.08 |
| 31 | 5.06 | ----- | 5.95 | ----- | 6.77 | ----- | 6.09 | 6.13 | ----- | 6.31 | ----- | 5.17 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 5.29 | 5.61 | 6.26 | 5.93 | 6.51 | 6.81 | 6.71 | 6.38 | 6.43 | 5.88 | 5.78 | 5.47 |
| MAX | 6.17 | 6.47 | 7.14 | 6.88 | 7.28 | 7.56 | 7.34 | 7.07 | 7.48 | 6.83 | 6.69 | 6.46 |
| MIN | 4.29 | 4.82 | 5.30 | 5.39 | 5.80 | 6.26 | 6.09 | 5.76 | 5.70 | 5.23 | 4.82 | 4.87 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 365

THE MEAN STAGE FOR THE YEAR WAS 6.09

HIGHEST STAGE WAS 7.56 ON JUN 11 AND LATER DATE(S).

LOWEST STAGE WAS 4.29 ON JAN 27.

DAILY STAGE FOR 1987

ATCHAFALAYA BAY NEAR EUGENE ISLAND (LA.)

LOCATION. LAT. 29-27-03, LONG. 91-20-28. ON AMERADA HESS OIL CO. PLATFORM, APPROXIMATELY 5.5 MILES NORTHEAST OF EUGENE ISLAND. (STA. 8855010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 25, 1976 TO DATE.

EXTREMES. HIGHEST, (FROM INCOMPLETE RECORD) 6.70 FEET (CAUSED BY HURRICANE) ON AUG. 15, 1985.
LOWEST, MINUS 1.81 FEET ON JAN. 17, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1969 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | 0.39 | 0.86 | 0.56 | 1.02 | 1.14 | 1.68 | 1.80 | 0.89 | 0.54 | 0.44 | | -0.34 |
| 2 | 0.36 | 0.83 | 0.64 | 1.09 | 1.72 | 1.38 | 1.24 | 0.83 | 0.72 | 1.31 | | -0.45 |
| 3 | 0.92 | 1.53 | 0.77 | 0.60 | 1.71 | 1.10 | 0.80 | 0.94 | 1.00 | -0.07 | | -0.47 |
| 4 | | 1.98 | 0.61 | 0.97 | 0.97 | 0.75 | 1.47 | 1.05 | 0.99 | 0.63 | | -0.56 |
| 5 | | 1.10 | 0.93 | 0.20 | 0.87 | 0.79 | 1.04 | 1.45 | 1.39 | 0.56 | | -0.60 |
| 6 | | 1.41 | 0.97 | -0.07 | 0.60 | 0.54 | 1.66 | 1.39 | 1.36 | 0.25 | | -0.14 |
| 7 | 0.30 | 0.39 | 0.65 | 0.20 | 0.45 | 1.05 | 1.81 | 1.20 | 0.75 | -0.41 | | 0.41 |
| 8 | 0.17 | 0.11 | 1.02 | -0.02 | 0.25 | 1.51 | 1.60 | 1.30 | 0.52 | -0.36 | | 0.14 |
| 9 | 0.35 | -0.10 | 0.47 | -0.08 | 0.45 | 1.79 | 1.62 | 1.49 | 0.12 | 0.10 | | 0.20 |
| 10 | -0.25 | 0.20 | 0.25 | -0.02 | 0.36 | 1.99 | 1.84 | 2.08 | 0.12 | 0.06 | | 0.21 |
| 11 | -0.56 | 0.18 | 0.16 | 0.25 | 0.84 | 2.39 | 1.83 | 1.46 | 0.64 | 0.22 | | 0.33 |
| 12 | -0.50 | 0.15 | 0.21 | 0.68 | 0.93 | 2.31 | 1.78 | 0.95 | 0.37 | 0.09 | | 0.55 |
| 13 | -0.36 | 0.12 | 0.22 | 1.71 | 1.22 | 2.42 | 1.50 | 0.80 | 0.30 | 0.15 | 0.05 | 0.62 |
| 14 | -0.32 | 0.40 | 0.50 | 0.90 | 1.60 | 2.09 | 0.96 | 0.63 | 0.71 | 0.70 | 0.62 | 1.02 |
| 15 | 0.02 | 1.05 | 0.70 | 1.08 | 1.32 | 1.61 | 1.07 | 0.43 | 0.67 | 0.75 | 0.66 | -0.13 |
| 16 | -0.03 | 0.78 | 1.00 | 0.97 | 1.43 | 1.45 | 1.16 | 0.55 | 1.43 | | 1.65 | -0.67 |
| 17 | 0.29 | 1.01 | 1.88 | 1.82 | 1.23 | 1.40 | 1.19 | 0.69 | 1.25 | | 0.41 | -0.68 |
| 18 | 0.94 | 0.61 | 2.01 | 1.29 | 1.33 | 1.60 | 0.92 | 0.91 | 1.35 | | -0.16 | -0.64 |
| 19 | 0.11 | 1.31 | 1.91 | 1.13 | 1.27 | 1.22 | 0.85 | 0.75 | 1.13 | | -0.21 | -0.46 |
| 20 | 0.20 | 1.01 | 2.28 | 1.02 | 0.99 | 1.23 | 1.35 | 0.69 | 0.58 | | -0.57 | -0.36 |
| 21 | 0.51 | 0.19 | 1.97 | 0.39 | 0.90 | 1.09 | 1.46 | 0.74 | 0.60 | | -0.62 | -0.40 |
| 22 | 0.46 | 0.76 | 1.78 | -0.24 | 0.54 | 1.17 | 1.98 | 0.45 | 0.11 | | -0.25 | -0.15 |
| 23 | -0.30 | -0.40 | 1.66 | -0.25 | 0.55 | 1.45 | 1.75 | 0.53 | 0.01 | | -0.02 | 0.05 |
| 24 | -0.06 | 0.01 | | -0.14 | 0.77 | 1.30 | 1.65 | 0.65 | 0.06 | | 0.28 | 0.41 |
| 25 | -0.18 | -0.23 | | 0.20 | 1.38 | 1.32 | 1.58 | 0.72 | 0.10 | | 0.58 | 1.01 |
| 26 | -0.71 | 0.13 | | 0.03 | 1.24 | 1.37 | 1.33 | 0.60 | 0.21 | | 1.19 | 1.05 |
| 27 | -0.71 | 0.50 | | 0.27 | 2.09 | 1.17 | 1.05 | 0.55 | 0.28 | | 0.98 | 0.79 |
| 28 | -0.55 | 1.53 | 0.82 | 0.53 | 2.10 | 1.42 | 0.99 | 0.46 | 0.56 | | 0.26 | -0.43 |
| 29 | -0.27 | ----- | 1.13 | 0.70 | 1.36 | 2.01 | 0.80 | 0.66 | 0.69 | | 0.41 | -0.69 |
| 30 | -0.08 | ----- | 0.75 | 1.03 | 2.07 | 1.71 | 0.98 | 0.61 | 0.17 | | 0.29 | -0.40 |
| 31 | -0.07 | ----- | 0.70 | ----- | 1.75 | ----- | 0.79 | 0.31 | ----- | | ----- | -0.09 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| MEAN | 0.00 | 0.62 | 0.98 | 0.58 | 1.14 | 1.48 | 1.35 | 0.86 | 0.62 | 0.29 | 0.31 | -0.03 |
| MAX | 0.94 | 1.98 | 2.28 | 1.82 | 2.10 | 2.42 | 1.98 | 2.08 | 1.43 | 1.31 | 1.65 | 1.05 |
| MIN | -0.71 | -0.40 | 0.16 | -0.25 | 0.25 | 0.54 | 0.79 | 0.31 | 0.01 | -0.41 | -0.62 | -0.69 |
| DAYS | 28 | 28 | 27 | 30 | 31 | 30 | 31 | 31 | 30 | 15 | 18 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 330

THE MEAN STAGE FOR THE YEAR WAS 0.72

HIGHEST STAGE WAS 3.20 AT 7:00 P.M. ON MAR 17.

LOWEST STAGE WAS MINUS 0.80 ON AUG 21 AND LATER DATE(S).

DAILY STAGE FOR 1987

ATCHAFALAYA BAY AT EUGENE ISLAND (LA.)

LOCATION. LAT. 29-22-18. LONG. 91-23-06. EAST SIDE OF ISLAND WHERE A DREDGED CHANNEL EXTENDING FROM LOWER ATCHAFALAYA RIVER PASSES THROUGH POINT AU FER REEF. (STA. 8860010.)

GAGE. AUTOMATIC RECORDER AND STAFF.

GENERAL INFORMATION. PRIOR TO 1973 GAGE WAS MAINTAINED BY NATIONAL OCEAN SURVEY WITH GAGE ZERO AT MINUS 2.99 FEET, NGVD. GAGE REESTABLISHED IN APR. 1973 BY CORPS OF ENGINEERS WITH GAGE ZERO AT M.L.G. ON MAR. 6, 1975 GAGE WAS RAISED 1.59 FEET TO AGREE WITH NEW BENCHMARK ELEVATIONS AND NEW GAGE ZERO. STAGES FROM JAN. 1 THRU MAR. 5 WERE CORRECTED TO NEW DATUM.

RECORDS AVAILABLE. STAGE, MAY 26, 1939 TO MAY 3, 1972 AND APR. 12, 1973 TO DATE. ADD 0.3 TO DAILY STAGES PRIOR TO 1944, AND SUBTRACT 0.7 FROM DAILY STAGES FROM 1944 TO 1958. EXTREMES IN CURRENT REPORTS HAVE BEEN CORRECTED.

EXTREMES. HIGHEST, 6.81 FEET (AFFECTED BY HURRICANE) ON JUNE 27, 1957. LOWEST, (FROM INCOMPLETE RECORD) MINUS 3.86 FEET ON FEB. 22, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD (1969 ADJ.)

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-------|-------|
| 1 | -2.20 | -1.32 | -1.74 | -0.64 | -0.31 | 0.26 | 0.34 | -0.50 | | F -0.50 | -0.79 | -1.69 |
| 2 | -2.00 | -1.39 | -1.49 | -0.54 | 0.26 | 0.10 | -0.09 | -0.59 | | -0.01 | -1.13 | -1.83 |
| 3 | -1.19 | -0.69 | -1.21 | -1.01 | 0.36 | -0.29 | -0.64 | -0.48 | | -1.76 | -1.64 | -2.05 |
| 4 | -2.11 | -0.16 | -1.02 | -0.24 | -0.64 | -0.36 | 0.21 | -0.30 | | -0.75 | -1.27 | -2.64 |
| 5 | -0.86 | -0.76 | -0.67 | -1.07 | -0.51 | -0.59 | -0.14 | 0.03 | | -0.87 | -1.74 | -2.53 |
| 6 | -0.59 | -0.79 | -0.64 | -1.87 | -0.97 | -0.73 | 0.26 | 0.01 | | -1.30 | -1.89 | -1.96 |
| 7 | -0.94 | -1.80 | -0.84 | -1.19 | -0.76 | -0.19 | 0.46 | -0.09 | | -2.20 | -1.46 | -1.34 |
| 8 | -1.19 | -2.22 | -0.64 | -1.74 | -1.12 | 0.13 | 0.26 | 0.02 | | -2.10 | -1.16 | -1.71 |
| 9 | -0.74 | -2.72 | -1.24 | -1.91 | -1.00 | 0.36 | 0.03 | 0.20 | | -1.63 | -0.66 | -1.55 |
| 10 | -1.79 | -2.29 | -1.77 | -1.64 | -1.18 | 0.61 | 0.59 | 0.50 | | -1.60 | -1.32 | -1.50 |
| 11 | -2.82 | -2.36 | -2.02 | -1.46 | -0.57 | 1.33 | 0.54 | -0.03 | | -1.40 | -1.50 | -1.64 |
| 12 | -2.79 | -2.31 | -2.02 | -0.81 | -0.79 | 0.84 | 0.40 | -0.48 | | -1.35 | -1.00 | -0.80 |
| 13 | -2.50 | -2.41 | -1.69 | 0.08 | -0.39 | 0.84 | 0.14 | -0.67 | | -1.20 | -1.23 | -0.42 |
| 14 | -2.39 | -2.02 | -1.53 | -0.71 | -0.01 | 0.30 | -0.41 | -0.82 | | -0.60 | -0.56 | -0.05 |
| 15 | -1.99 | -0.74 | -1.34 | -0.55 | -0.34 | 0.01 | -0.37 | -0.93 | | -0.55 | -0.40 | -2.37 |
| 16 | -2.01 | -1.72 | -0.77 | -0.69 | -0.04 | -0.11 | -0.15 | -0.85 | | -0.45 | 0.39 | -2.17 |
| 17 | -1.66 | -1.28 | 0.43 | 0.36 | -0.31 | -0.09 | -0.14 | -0.68 | | -0.66 | -1.12 | -2.00 |
| 18 | -1.01 | -1.70 | 0.26 | -0.09 | -0.14 | 0.46 | -0.46 | -0.50 | | -0.91 | -1.64 | -2.18 |
| 19 | -2.02 | -0.79 | 0.26 | -0.29 | -0.04 | -0.04 | -0.20 | -0.60 | | -1.01 | -1.89 | -2.11 |
| 20 | -1.54 | -0.37 | 0.56 | -0.44 | -0.36 | 0.01 | 0.18 | -0.55 | | -1.00 | -2.55 | -2.29 |
| 21 | -0.99 | -0.99 | 0.31 | -1.09 | -0.39 | -0.10 | 0.08 | -0.37 | | -2.78 | -2.73 | -2.63 |
| 22 | -1.09 | -1.16 | 0.03 | -2.02 | -0.72 | -0.09 | 0.53 | -0.60 | | -1.69 | -2.25 | -2.37 |
| 23 | -1.60 | -2.09 | 0.05 | -1.94 | -0.84 | 0.16 | 0.42 | -0.40 | | -1.59 | -2.03 | -1.78 |
| 24 | -1.31 | -1.37 | -1.30 | -1.95 | -0.56 | 0.06 | 0.30 | | | -1.55 | -1.45 | -1.23 |
| 25 | -1.28 | -2.30 | -1.36 | -1.34 | -0.06 | 0.04 | 0.27 | | | -1.59 | -1.01 | -0.30 |
| 26 | -2.59 | -1.89 | -1.09 | -1.47 | 0.03 | -0.07 | 0.05 | | | -1.11 | -0.60 | -0.17 |
| 27 | -2.89 | -1.67 | -1.26 | -1.48 | 0.53 | -0.01 | -0.29 | | | -1.42 | -0.36 | -0.67 |
| 28 | -3.01 | 0.11 | -0.79 | -1.24 | 0.66 | 0.29 | -0.40 | | | -0.81 | -1.22 | -1.93 |
| 29 | -2.58 | ----- | -0.37 | -0.87 | 0.51 | 0.61 | -0.62 | | | -0.64 | -0.69 | -2.56 |
| 30 | -2.34 | ----- | -1.49 | -0.52 | 0.79 | 0.31 | -0.36 | | | -0.70 | -0.94 | -2.03 |
| 31 | -2.34 | ----- | -1.13 | ----- | 0.26 | ----- | -0.68 | | | -0.58 | ----- | -1.83 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|---|-------|-------|-------|
| MEAN | -1.82 | -1.47 | -0.89 | -1.01 | -0.28 | 0.13 | 0.00 | -0.38 | | -1.17 | -1.26 | -1.69 |
| MAX | -0.59 | 0.11 | 0.56 | 0.36 | 0.79 | 1.33 | 0.59 | 0.50 | | -0.01 | 0.39 | -0.05 |
| MIN | -3.01 | -2.72 | -2.02 | -2.02 | -1.18 | -0.73 | -0.68 | -0.93 | | -2.78 | -2.73 | -2.64 |
| DAYS | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 23 | 0 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 327

F=NOT AT STATED TIME

THE MEAN STAGE FOR THE YEAR WAS MINUS 0.90.

HIGHEST STAGE WAS 1.85 AT 9:00 P.M. ON NOV 25.

LOWEST STAGE WAS MINUS 3.20 ON FEB 9.

DAILY STAGE FOR 1987

EAST COTE BLANCHE BAY AT LUMES LANDING, LA.

LOCATION. LAT. 29-35-48, LONG. 91-32-35. ON DOCK, 2.8 MILES NORTH OF ENTRANCE TO BAYOU SALE AND 2.1 MILES SOUTH OF SOUTH BEND, LA. (STA. 8880013.)

GAGE. AUTOMATIC RECORDER AND STAFF.

RECORDS AVAILABLE. FEB. 22, 1957, TO DATE.

EXTREMES. HIGHEST, ESTIMATED 9.50 FEET (CAUSED BY HURRICANE) ON AUG. 15, 1985. LOWEST, MINUS 3.66 FEET ON APR. 9, 1957.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO IS AT NGVD

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|------|-------|------|------|-------|-------|-------|-------|
| 1 | | | 1.14 | 2.26 | 2.36 | 2.90 | 2.93 | 2.04 | 1.97 | 1.96 | 1.62 | 0.53 |
| 2 | | | 1.32 | 2.29 | 2.90 | 2.76 | 2.36 | 1.81 | 2.15 | 2.39 | 1.28 | 0.32 |
| 3 | 1.63 | | 1.43 | 0.54 | 2.89 | 2.39 | 2.03 | 2.04 | 2.40 | 0.30 | 0.76 | 0.42 |
| 4 | -0.12 | | 1.28 | 2.01 | 2.02 | 2.14 | 2.68 | 2.19 | 2.41 | 1.68 | 1.15 | 0.04 |
| 5 | 1.39 | | 1.66 | 1.09 | 1.69 | 1.89 | 2.33 | 2.65 | 2.80 | 1.64 | 0.70 | -0.01 |
| 6 | 1.97 | | 1.75 | 0.43 | 1.71 | 1.77 | 2.94 | 2.65 | 2.66 | 1.26 | 0.45 | 0.96 |
| 7 | 1.31 | | 1.17 | 1.07 | 1.40 | 2.45 | 2.92 | 2.50 | 1.99 | 0.11 | 1.04 | 1.74 |
| 8 | 0.85 | | 1.62 | 0.99 | | 2.70 | 2.75 | 2.68 | 1.72 | 0.42 | 1.49 | 1.23 |
| 9 | 1.51 | | 1.01 | 0.50 | 2.26 | 3.02 | 2.62 | 2.89 | 1.39 | 1.02 | 2.14 | 1.14 |
| 10 | -0.13 | | 0.13 | 0.78 | 1.98 | 3.29 | 3.19 | 3.94 | 1.43 | 1.00 | 0.83 | 1.09 |
| 11 | -1.08 | | -0.16 | 1.15 | 2.79 | 4.40 | 2.94 | 2.62 | 2.04 | 1.12 | 0.43 | 1.52 |
| 12 | -0.35 | | 0.13 | 1.85 | 2.35 | 3.44 | 2.97 | 2.03 | 1.64 | 0.64 | 1.47 | 1.69 |
| 13 | 0.06 | | 0.28 | 3.31 | 2.78 | 3.52 | 2.58 | 1.97 | 1.51 | 1.00 | 1.24 | 1.91 |
| 14 | -0.07 | | 1.03 | 1.82 | 3.04 | 3.19 | 2.12 | 1.83 | 2.01 | 1.86 | 1.91 | 2.51 |
| 15 | 0.81 | | 1.39 | 2.38 | 2.70 | 2.59 | 2.14 | 1.59 | 2.11 | 1.88 | 2.00 | -0.11 |
| 16 | 0.59 | | 1.80 | 1.82 | 2.52 | 2.41 | 2.31 | 1.78 | 2.89 | 2.09 | 3.32 | -0.49 |
| 17 | 1.01 | | 3.17 | 2.99 | 2.41 | 2.39 | 2.35 | 1.97 | 2.56 | 1.85 | 1.45 | 0.02 |
| 18 | 2.03 | 0.64 | 3.11 | 2.38 | 2.63 | 3.24 | 2.11 | 2.19 | 2.73 | 1.53 | 0.57 | -0.01 |
| 19 | 0.20 | 1.80 | 2.94 | 2.11 | 2.61 | 2.25 | 2.05 | 1.95 | 2.58 | 1.47 | 0.63 | 0.45 |
| 20 | 0.83 | 1.77 | 3.12 | 1.97 | 2.33 | 2.50 | 2.50 | 1.72 | 1.84 | 1.49 | -0.06 | 0.26 |
| 21 | 1.61 | 0.84 | 2.76 | 1.48 | 2.31 | 2.34 | 2.53 | 2.05 | 2.11 | -0.84 | -0.23 | 0.14 |
| 22 | 1.23 | 0.92 | 2.24 | 0.05 | 2.05 | 2.38 | | 1.67 | 1.46 | 0.92 | 0.64 | 0.65 |
| 23 | 0.17 | -0.18 | 2.34 | | 1.87 | 2.70 | 3.03 | 2.01 | 1.33 | 1.06 | 1.02 | 1.05 |
| 24 | 0.65 | 0.52 | 1.10 | | 2.14 | | 2.99 | 2.09 | 1.43 | 1.16 | 1.37 | 1.53 |
| 25 | | -0.08 | 0.35 | | 2.63 | 2.37 | 2.85 | 2.15 | 1.36 | 1.00 | 2.00 | 2.31 |
| 26 | | 0.78 | | | 2.62 | 2.28 | 2.54 | 1.98 | 1.45 | 1.63 | 2.47 | 2.19 |
| 27 | | 1.15 | | | 3.43 | 2.01 | 2.27 | 2.05 | 1.69 | 0.81 | 2.14 | 1.82 |
| 28 | | 2.54 | | | 3.40 | 2.73 | 2.04 | 1.81 | 2.11 | 1.53 | 0.80 | -0.37 |
| 29 | | ----- | | 1.80 | 3.34 | 3.16 | 1.93 | 1.83 | 2.05 | 1.79 | 1.58 | -0.91 |
| 30 | | ----- | | 2.29 | 3.14 | 2.83 | 2.28 | 2.00 | 1.22 | 1.85 | 1.27 | 0.23 |
| 31 | | ----- | | ----- | 2.92 | ----- | 2.08 | 1.57 | ----- | 1.89 | ----- | 0.75 |

THE FOLLOWING REFER ONLY TO READINGS IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-------|
| MEAN | 0.74 | 0.97 | 1.52 | 1.62 | 2.51 | 2.69 | 2.51 | 2.14 | 1.97 | 1.27 | 1.25 | 0.79 |
| MAX | 2.03 | 2.54 | 3.17 | 3.31 | 3.43 | 4.40 | 3.19 | 3.94 | 2.89 | 2.39 | 3.32 | 2.51 |
| MIN | -1.08 | -0.18 | -0.16 | 0.05 | 1.40 | 1.77 | 1.93 | 1.57 | 1.22 | -0.84 | -0.23 | -0.91 |
| DAYS | 22 | 11 | 25 | 24 | 30 | 29 | 30 | 31 | 30 | 31 | 30 | 31 |

THE TOTAL NUMBER OF DAYS FOR THE YEAR WAS 324

THE MEAN STAGE FOR THE YEAR WAS 1.73

HIGHEST STAGE WAS 4.70 AT 6:00 P.M. ON MAR 17 AND LATER DATE(S).

LOWEST STAGE WAS MINUS 1.10 ON JAN 4 AND LATER DATE(S).

PART II
OBSERVED DISCHARGES
OF THE
MISSISSIPPI RIVER AND TRIBUTARIES
AND
OTHER WATERSHEDS

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | DISCHARGE | DISCHARGE |
| | | | | | | | | |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| JUL 29 | 25.63 | 100 | 1948 | 1207 | 3.52 | 4.58 | | 425 |
| AUG 05 | 20.00 | 98 | 1920 | 1086 | 2.87 | 3.74 | | 311 |
| AUG 12 | 19.65 | 98 | 1917 | 1064 | 2.99 | 4.01 | | 318 |
| AUG 19 | 18.00 | 93 | 1893 | 1022 | 2.68 | 3.44 | | 274 |
| AUG 26 | 17.50 | 91 | 1895 | 1033 | 2.65 | 3.51 | | 274 |
| SEP 02 | 18.70 | 92 | 1903 | 1025 | 2.96 | 3.58 | | 303 |
| SEP 09 | 20.55 | 94 | 1914 | 1072 | 3.08 | 4.18 | | 330 |
| SEP 16 | 19.45 | 93 | 1901 | 1047 | 2.57 | 3.53 | | 270 |
| SEP 23 | 17.75 | 93 | 1892 | 1062 | 2.76 | 3.63 | | 293 |
| SEP 30 | 18.40 | 98 | 1901 | 1076 | 2.69 | 3.62 | | 289 |
| OCT 07 | 17.60 | 94 | 1893 | 1066 | 2.75 | 3.38 | | 293 |
| OCT 14 | 15.20 | 94 | 1857 | 1056 | 2.27 | 3.05 | | 240 |
| OCT 23 | 14.15 | 94 | 1846 | 1036 | 2.20 | 2.82 | | 228 |
| OCT 27 | 14.20 | 92 | 1846 | 1036 | 2.16 | 2.78 | | 223 |
| NOV 03 | 14.05 | 95 | 1847 | 1041 | 2.24 | 2.84 | | 231 |
| NOV 10 | 13.90 | 92 | 1846 | 1025 | 2.05 | 3.22 | | 210 |
| NOV 17 | 19.21 | 102 | 1908 | 1138 | 2.50 | 3.47 | | 284 |
| NOV 23 | 27.25 | 107 | 1968 | 1288 | 2.75 | 3.63 | | 355 |
| NOV 24 | 27.05 | 108 | 1967 | 1296 | 2.69 | 3.67 | | 346 |
| NOV 30 | 26.45 | 108 | 1963 | 1235 | 2.82 | 4.31 | | 349 |
| DEC 01 | 26.95 | 109 | 1967 | 1287 | 2.93 | 4.05 | | 376 |
| DEC 07 | 26.55 | 107 | 1963 | 1286 | 3.03 | 4.07 | | 389 |
| DEC 14 | 26.70 | 109 | 1966 | 1273 | 3.35 | 4.40 | | 426 |
| DEC 21 | 25.85 | 107 | 1961 | 1256 | 3.55 | 4.56 | | 446 |
| DEC 28 | 34.63 | 115 | 2006 | 1498 | 4.77 | 6.54 | | 672 |

DISCHARGE RANGE, UPSTREAM FROM OLD RIVER OUTFLOW CHANNEL AT MILE 317.2.
(STA. 0102011.)

GAGE, MISSISSIPPI RIVER NEAR KNOX LANDING. STAFF TYPE AT MILE 313.7.
ZERO, NGVD

MISSISSIPPI RIVER AT TARBERT LANDING, MISS.

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|------|--------------|------|------|-------------|-------------|
| JAN 05 | 35.97 | 54 | 3511 | 1424 | 4.12 | 5.54 | | 587 |
| JAN 08 | 35.20 | 48 | 3500 | 1307 | 4.20 | 6.15 | | 549 |
| JAN 12 | 31.57 | 48 | 3472 | 1210 | 3.80 | 4.46 | | 459 |
| JAN 15 | 30.20 | 44 | 3463 | 1154 | 3.87 | 5.20 | | 447 |
| JAN 20 | 30.15 | 44 | 3463 | 1147 | 3.70 | 4.11 | | 425 |
| JAN 22 | 30.10 | 45 | 3466 | 1168 | 3.78 | 4.59 | | 442 |
| JAN 26 | 29.95 | 44 | 3467 | 1166 | 3.80 | 4.63 | | 444 |
| JAN 29 | 31.78 | 48 | 3485 | 1256 | 3.91 | 5.37 | | 492 |
| FEB 02 | 32.50 | 48 | 3497 | 1248 | 3.97 | 4.83 | | 511 |
| FEB 05 | 31.07 | 47 | 3478 | 1246 | 3.72 | 4.96 | | 464 |
| FEB 09 | 30.88 | 46 | 3477 | 1223 | 3.88 | 4.95 | | 474 |
| FEB 12 | 31.93 | 46 | 3463 | 1256 | 3.83 | 4.96 | | 481 |
| FEB 17 | 32.40 | 47 | 3501 | 1275 | 3.88 | 5.17 | | 495 |
| FEB 19 | 32.60 | 48 | 3501 | 1245 | 3.91 | 5.15 | | 502 |
| FEB 23 | 34.80 | 52 | 3514 | 1340 | 4.01 | 5.88 | | 553 |
| FEB 26 | 34.84 | 48 | 3517 | 1340 | 3.98 | 5.30 | | 534 |
| MAR 02 | 37.50 | 59 | 3541 | 1519 | 4.35 | 6.52 | | 660 |
| MAR 05 | 41.20 | 58 | 3825 | 1622 | 4.12 | 5.04 | | 668 |
| MAR 09 | 46.41 | 64 | 3865 | 1827 | 4.99 | 7.32 | | 911 |
| MAR 12 | 47.31 | 66 | 3889 | 1943 | 5.07 | 7.71 | | 965 |
| MAR 16 | 47.67 | 65 | 3893 | 1926 | 4.92 | 7.05 | | 948 |
| MAR 19 | 47.30 | 63 | 3890 | 1879 | 4.84 | 7.32 | | 909 |
| MAR 23 | 45.42 | 62 | 3867 | 1752 | 4.64 | 6.80 | | 813 |
| MAR 26 | 44.31 | 61 | 3857 | 1723 | 4.91 | 6.36 | | 845 |
| MAR 30 | 43.00 | 59 | 3844 | 1645 | 4.46 | 6.56 | | 742 |

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MISSISSIPPI RIVER AT TARBERT LANDING, MISS.

CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | DISCHARGE | DISCHARGE |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| APR 02 | 41.62 | 60 | 3830 | 1650 | 4.32 | 5.95 | | 712 |
| APR 06 | 40.00 | 58 | 3910 | 1589 | 4.33 | 6.32 | | 689 |
| APR 09 | 39.90 | 58 | 3812 | 1578 | 4.38 | 6.10 | | 691 |
| APR 13 | 40.16 | 58 | 3815 | 1598 | 4.44 | 5.97 | | 710 |
| APR 16 | 39.20 | 63 | 3799 | 1546 | 4.12 | 5.02 | | 636 |
| APR 20 | 39.18 | 62 | 3805 | 1529 | 4.37 | 5.90 | | 667 |
| APR 23 | 40.05 | 57 | 3815 | 1560 | 4.40 | 6.54 | | 687 |
| APR 27 | 41.20 | 59 | 3830 | 1595 | 4.46 | 6.30 | | 711 |
| APR 30 | 41.20 | 53 | 3830 | 1582 | 4.49 | 6.50 | | 710 |
| MAY 04 | 38.89 | 55 | 3805 | 1519 | 4.04 | 6.26 | | 614 |
| MAY 07 | 36.37 | 51 | 3524 | 1430 | 3.81 | 4.67 | | 545 |
| MAY 11 | 32.37 | 46 | 3480 | 1273 | 3.61 | 4.26 | | 459 |
| MAY 14 | 29.67 | 43 | 3540 | 1161 | 3.31 | 3.87 | | 385 |
| MAY 18 | 27.43 | 40 | 3439 | 1091 | 3.39 | 3.93 | | 369 |
| MAY 21 | 24.65 | 37 | 3421 | 963 | 3.35 | 4.15 | | 322 |
| MAY 26 | 21.45 | 34 | 3422 | 858 | 3.34 | 4.24 | | 287 |
| MAY 28 | 22.00 | 36 | 3422 | 846 | 3.31 | 3.97 | | 293 |
| JUN 01 | 24.83 | 38 | 3431 | 977 | 3.49 | 4.18 | | 341 |
| JUN 04 | 26.35 | 41 | 3441 | 1031 | 3.52 | 4.11 | | 362 |
| JUN 04 | 30.23 | 45 | 3480 | 1154 | 3.90 | 4.84 | | 450 |
| JUN 11 | 31.40 | 45 | 3491 | 1200 | 3.77 | 4.25 | | 452 |
| JUN 15 | 30.82 | 45 | 3485 | 1158 | 3.83 | 4.40 | | 443 |
| JUN 19 | 29.27 | 42 | 3468 | 1101 | 3.72 | 4.40 | | 410 |
| JUN 22 | 27.32 | 39 | 3448 | 1015 | 3.64 | 4.38 | | 369 |
| JUN 25 | 25.42 | 38 | 3433 | 963 | 3.57 | 4.04 | | 344 |
| JUN 29 | 23.10 | 35 | 3422 | 909 | 3.24 | 4.02 | | 295 |
| JUL 01 | 22.65 | 36 | 3426 | 904 | 3.47 | 4.11 | | 314 |
| JUL 06 | 22.00 | 36 | 3424 | 872 | 3.74 | 4.71 | | 326 |
| JUL 09 | 22.50 | 36 | 3423 | 834 | 3.34 | 3.67 | | 279 |
| JUL 13 | 24.17 | 38 | 3433 | 961 | 3.40 | 3.95 | | 327 |
| JUL 16 | 27.03 | 40 | 3448 | 1039 | 3.73 | 4.24 | | 387 |
| JUL 20 | 27.65 | 40 | 3456 | 1047 | 3.42 | 4.24 | | 359 |
| JUL 22 | 27.40 | 40 | 3452 | 1051 | 3.32 | 4.20 | | 349 |
| JUL 27 | 24.92 | 40 | 3435 | 1009 | 3.31 | 3.56 | | 334 |
| JUL 30 | 22.10 | 37 | 3421 | 862 | 3.01 | 3.64 | | 259 |
| AUG 03 | 19.50 | 32 | 3411 | 759 | 3.12 | 3.53 | | 237 |
| AUG 06 | 17.60 | 32 | 3411 | 730 | 3.11 | 3.47 | | 227 |
| AUG 10 | 17.30 | 32 | 3406 | 725 | 3.04 | 3.42 | | 220 |
| AUG 13 | 17.65 | 32 | 3410 | 743 | 3.12 | 3.47 | | 232 |
| AUG 17 | 16.65 | 30 | 3403 | 717 | 3.05 | 3.60 | | 219 |
| AUG 20 | 15.60 | 30 | 3402 | 645 | 2.69 | 3.06 | | 185 |
| AUG 24 | 14.85 | 29 | 3393 | 646 | 2.90 | 3.49 | | 187 |
| AUG 26 | 15.33 | 30 | 3400 | 655 | 2.85 | 3.29 | | 187 |
| AUG 28 | 16.20 | 31 | 3400 | 682 | 2.90 | 3.34 | | 198 |
| AUG 31 | 16.95 | 31 | 3412 | 725 | 3.01 | 3.47 | | 219 |
| SEP 03 | 16.00 | 30 | 3401 | 702 | 2.87 | 3.40 | | 202 |
| SEP 09 | 17.45 | 32 | 3413 | 744 | 3.06 | 3.58 | | 234 |
| SEP 10 | 16.33 | 33 | 3414 | 795 | 3.02 | 3.40 | | 240 |
| SEP 14 | 17.35 | 32 | 3411 | 750 | 3.12 | 3.55 | | 234 |
| SEP 17 | 16.17 | 31 | 3402 | 717 | 3.04 | 3.38 | | 221 |
| SEP 21 | 15.65 | 30 | 3399 | 679 | 2.99 | 3.33 | | 203 |
| SEP 24 | 15.65 | 30 | 3399 | 672 | 2.99 | 3.64 | | 201 |
| SEP 28 | 15.65 | 30 | 3399 | 659 | 2.98 | 3.27 | | 196 |
| OCT 01 | 16.45 | 32 | 3401 | 718 | 3.12 | 3.42 | | 224 |
| OCT 05 | 16.15 | 31 | 3442 | 716 | 3.06 | 3.60 | | 219 |
| OCT 08 | 15.20 | 31 | 3399 | 704 | 2.94 | 3.51 | | 207 |
| OCT 13 | 13.65 | 32 | 3393 | 626 | 2.81 | 3.13 | | 176 |
| OCT 15 | 13.25 | 29 | 3392 | 626 | 2.83 | 3.27 | | 177 |
| OCT 19 | 12.95 | 29 | 3392 | 625 | 2.77 | 3.27 | | 173 |
| OCT 22 | 12.40 | 30 | 3383 | 609 | 2.67 | 3.07 | | 163 |
| OCT 26 | 12.30 | 28 | 3384 | 544 | 2.69 | 3.31 | | 157 |
| OCT 29 | 12.25 | 28 | 3384 | 599 | 2.59 | 2.97 | | 155 |
| NOV 02 | 12.45 | 29 | 3384 | 587 | 2.76 | 3.20 | | 162 |
| NOV 05 | 12.10 | 28 | 3386 | 571 | 2.70 | 3.05 | | 154 |
| NOV 09 | 12.00 | 30 | 3385 | 544 | 2.62 | 3.05 | | 153 |
| NOV 12 | 12.40 | 30 | 3390 | 615 | 2.70 | 3.27 | | 163 |
| NOV 16 | 13.10 | 31 | 3398 | 633 | 2.72 | 3.11 | | 172 |

CONTINUED ON NEXT PAGE

MISSISSIPPI RIVER AT TARBERT LANDING, MISS.

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CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| NOV 19 | 20.64 | 38 | 3415 | 896 | 3.33 | 3.95 | | 298 |
| NOV 23 | 25.20 | 44 | 3443 | 1052 | 3.51 | 4.18 | | 370 |
| NOV 25 | 24.40 | 40 | 3435 | 1001 | 3.50 | 3.93 | | 351 |
| NOV 30 | 24.40 | 40 | 3434 | 1006 | 3.53 | 3.98 | | 355 |
| DEC 03 | 25.00 | 41 | 3445 | 1040 | 3.60 | 4.29 | | 375 |
| DEC 09 | 24.20 | 42 | 3436 | 1054 | 3.51 | 4.22 | | 370 |
| DEC 11 | 25.00 | 41 | 3445 | 1034 | 3.65 | 4.26 | | 377 |
| DEC 14 | 24.60 | 42 | 3440 | 1041 | 3.32 | 3.76 | | 352 |
| DEC 17 | 23.05 | 40 | 3428 | 1002 | 3.32 | 3.93 | | 333 |
| DEC 21 | 23.65 | 43 | 3434 | 1023 | 3.48 | 4.16 | | 356 |
| DEC 23 | 25.50 | 45 | 3439 | 1103 | 3.51 | 4.58 | | 387 |
| DEC 28 | 32.23 | 50 | 3494 | 1249 | 4.31 | 6.16 | | 556 |
| DEC 30 | 38.47 | 56 | 3554 | 1536 | 4.94 | 6.49 | | 758 |

DISCHARGE RANGE. UPSTREAM FROM LOWER OLD RIVER AT MILE 306.3.
(STA. 0110011.)

GAGE. RED RIVER LANDING, LA. STAFF TYPE AT MILE 302.4. ZERO, NGVD

PROFIT ISLAND CHUTE (LA.)

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|------|--------------|------|------|-------------|-------------|
| APR 01 | 27.90 | 91 | 1053 | 563 | 4.49 | 5.40 | | 253 |
| JUN 25 | 13.60 | 75 | 981 | 400 | 2.52 | 2.90 | | 101 |
| OCT 28 | 5.00 | 62 | 948 | 277 | 1.11 | 1.50 | | 30.8 |

DISCHARGE RANGE. UPSTREAM FROM BATON ROUGE AT MILE 248.
(STA. 0115009.)

GAGE. BATON ROUGE, LA. STAFF TYPE AT MILE 228.4. ZERO, NGVD

MISSISSIPPI RIVER AT BELLE CHASSE, LA.

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|----|----|------|--------------|------|------|-------------|-------------|
| JAN 30 | | | 2190 | 1690 | 2.98 | 3.00 | | 504 |
| FEB 11 | | | 2210 | 1650 | 2.86 | 2.89 | | 472 |
| APR 10 | | | 2355 | 1740 | 3.73 | 3.47 | | 658 |
| MAY 13 | | | 2280 | 1660 | 2.57 | 2.80 | | 427 |
| JUN 11 | | | 2279 | 1590 | 2.69 | 2.73 | | 427 |
| JUL 15 | | | 2256 | 1560 | 1.97 | 2.03 | | 304 |
| AUG 11 | | | 2220 | 1500 | 1.22 | 1.38 | | 184 |
| SEP 03 | | | 2343 | 1610 | 1.29 | 1.39 | | 208 |
| OCT 28 | | | 2249 | 1600 | 1.37 | 1.41 | | 219 |
| NOV 19 | | | 2238 | 1650 | 1.86 | 2.01 | | 306 |
| DEC 10 | | | 2240 | 1650 | 2.21 | 2.24 | | 366 |

MEASUREMENTS MADE BY U.S. GEOLOGICAL SURVEY.

DISCHARGE RANGE. AT FERRY CROSSING AT MILE 76.0. (STA. 0138804.)

OLD RIVER AUXILIARY CONTROL INFLUX CHANNEL NEAR KNOX LANDING, LA.

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|-----|--------------|------|------|-------------|-------------|
| JAN 08 | 36.65 | 47 | 850 | 311 | 1.86 | 2.47 | | 57.7 |

(CONTINUED) ON NEXT PAGE

OLD RIVER AUXILIARY CONTROL INFLOW CHANNEL NEAR KNOX LANDING, LA.

CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | DISCHARGE | DISCHARGE |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| JAN 13 | 32.58 | 43 | 807 | 277 | 1.69 | 2.20 | | 46.7 |
| JAN 15 | 32.05 | 43 | 814 | 277 | 1.48 | 2.06 | | 41.0 |
| JAN 20 | 31.96 | 43 | 813 | 277 | 1.32 | 1.66 | | 36.7 |
| JAN 22 | 32.10 | 43 | 813 | 277 | 0.64 | 0.77 | | 17.6 |
| JAN 27 | 32.00 | 44 | 817 | 282 | 1.22 | 1.66 | | 34.5 |
| JAN 29 | 33.25 | 46 | 840 | 294 | 1.69 | 2.42 | | 49.9 |
| FEB 03 | 33.70 | 46 | 843 | 294 | 2.06 | 2.76 | | 60.6 |
| FEB 05 | 32.70 | 46 | 827 | 293 | 1.92 | 2.53 | | 56.2 |
| FEB 10 | 32.85 | 46 | 826 | 293 | 1.76 | 2.26 | | 51.5 |
| FEB 12 | 33.60 | 46 | 840 | 301 | 1.97 | 2.66 | | 59.3 |
| FEB 17 | 34.00 | 46 | 850 | 302 | 2.01 | 2.75 | | 60.7 |
| FEB 19 | 34.45 | 47 | 860 | 314 | 1.34 | 1.78 | | 42.2 |
| FEB 24 | 36.50 | 48 | 869 | 318 | 1.32 | 1.80 | | 41.9 |
| FEB 26 | 36.70 | 48 | 879 | 320 | 1.16 | 1.66 | | 37.0 |
| MAR 03 | 40.50 | 51 | 899 | 362 | 1.17 | 1.57 | | 42.3 |
| MAR 05 | 41.10 | 53 | 935 | 371 | 1.54 | 2.51 | | 57.2 |
| MAR 10 | 48.10 | 58 | 1388 | 433 | 2.04 | 2.80 | | 68.5 |
| MAR 12 | 48.95 | 59 | 1385 | 444 | 2.09 | 3.27 | | 92.8 |
| MAR 17 | 48.90 | 59 | 1388 | 444 | 2.11 | 2.85 | | 93.6 |
| MAR 19 | 48.90 | 59 | 1401 | 444 | 1.99 | 2.76 | | 88.6 |
| MAR 23 | 47.15 | 57 | 1375 | 418 | 1.58 | 2.06 | | 65.9 |
| MAR 26 | 46.00 | 56 | 1352 | 405 | 1.36 | 1.97 | | 55.2 |
| MAR 31 | 44.50 | 54 | 955 | 382 | 1.50 | 2.02 | | 57.2 |
| APR 02 | 43.60 | 53 | 922 | 369 | 1.50 | 2.18 | | 55.6 |
| APR 07 | 41.60 | 51 | 919 | 352 | 1.67 | 2.09 | | 58.9 |
| APR 09 | 41.80 | 51 | 919 | 352 | 1.70 | 2.11 | | 59.8 |
| APR 14 | 41.60 | 51 | 912 | 351 | 2.02 | 2.94 | | 71.1 |
| APR 16 | 40.90 | 50 | 908 | 342 | 2.19 | 2.94 | | 75.0 |
| APR 21 | 41.00 | 51 | 912 | 350 | 2.41 | 3.27 | | 84.6 |
| APR 23 | 41.70 | 52 | 912 | 357 | 2.70 | 3.62 | | 96.6 |
| APR 28 | 43.00 | 53 | 912 | 367 | 2.97 | 3.87 | | 109 |
| APR 30 | 42.80 | 53 | 912 | 367 | 2.78 | 3.91 | | 102 |
| MAY 05 | 40.05 | 50 | 886 | 340 | 2.91 | 3.62 | | 98.8 |
| MAY 07 | 38.25 | 48 | 883 | 321 | 2.57 | 3.36 | | 82.6 |
| MAY 12 | 33.20 | 44 | 830 | 241 | 2.41 | 2.82 | | 67.7 |
| MAY 14 | 30.83 | 42 | 814 | 253 | 4.31 | 7.66 | | 109 |
| OCT 26 | 13.65 | 26 | 758 | 154 | 1.78 | 2.09 | | 27.4 |
| NOV 02 | 13.75 | 26 | 719 | 149 | 1.82 | 2.20 | | 27.2 |
| NOV 09 | 13.65 | 26 | 679 | 144 | 1.80 | 2.17 | | 26.0 |
| NOV 16 | 14.55 | 27 | 689 | 147 | 1.49 | 1.88 | | 21.9 |

DISCHARGE IS REGULATED BY OLD RIVER AUXILIARY CONTROL STRUCTURE.
(STA. 0220011.)

GAGE, AUTOMATIC TYPE AT AUXILIARY CONTROL STRUCTURE. ZERO, NGVD

OLD RIVER OUTFLOW CHANNEL NEAR KNOX LANDING, LA.

| 1997 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|------|--------------|------|------|-------------|-------------|
| JAN 07 | 23.15 | 35 | 1784 | 490 | 2.77 | 3.11 | | 136 |
| FEB 04 | 19.95 | 30 | 1757 | 420 | 3.04 | 3.54 | | 128 |
| FEB 25 | 21.45 | 32 | 1763 | 456 | 1.84 | 2.18 | | 84.2 |
| MAR 04 | 26.55 | 39 | 1802 | 560 | 2.27 | 2.67 | | 127 |
| MAR 18 | 34.45 | 47 | 1828 | 695 | 3.10 | 3.60 | | 216 |
| APR 01 | 28.37 | 39 | 1805 | 549 | 2.22 | 2.58 | | 131 |
| APR 15 | 26.80 | 38 | 1781 | 541 | 3.31 | 3.89 | | 179 |
| APR 29 | 30.40 | 39 | 1819 | 564 | 4.97 | 5.61 | | 280 |
| MAY 13 | 19.66 | 27 | 1748 | 384 | 3.32 | 3.78 | | 128 |
| MAY 19 | 18.50 | 27 | 1730 | 363 | 3.87 | 4.60 | | 140 |
| MAY 21 | 16.45 | 25 | 1713 | 333 | 3.78 | 4.67 | | 126 |
| MAY 26 | 14.65 | 23 | 1712 | 297 | 3.56 | 4.16 | | 106 |
| MAY 28 | 13.60 | 24 | 1713 | 303 | 3.47 | 3.98 | | 105 |
| JUN 02 | 17.10 | 26 | 1719 | 337 | 3.78 | 4.36 | | 127 |
| JUN 04 | 18.20 | 26 | 1726 | 351 | 3.94 | 4.64 | | 138 |

CONTINUED ON NEXT PAGE

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | | | OVERBANK | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|
| | | | WIDTH | AREA | VELOCITIES | | DISCHARGE | DISCHARGE |
| | | | | | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| JUN 09 | 19.80 | 30 | 1744 | 405 | 3.03 | 3.49 | | 123 |
| JUN 10 | 19.05 | 29 | 1744 | 387 | 3.22 | 3.53 | | 125 |
| JUN 11 | 20.80 | 30 | 1746 | 416 | 3.25 | 3.82 | | 135 |
| JUN 16 | 19.37 | 30 | 1744 | 403 | 2.75 | 3.15 | | 111 |
| JUN 18 | 17.35 | 29 | 1730 | 371 | 2.47 | 2.82 | | 91.8 |
| JUN 23 | 15.40 | 27 | 1721 | 345 | 2.41 | 3.18 | | 83.0 |
| JUN 24 | 14.44 | 23 | 1722 | 311 | 2.37 | 2.71 | | 73.9 |
| JUN 25 | 15.15 | 26 | 1728 | 334 | 2.29 | 2.64 | | 76.7 |
| JUN 30 | 13.50 | 24 | 1722 | 307 | 2.14 | 2.46 | | 65.6 |
| JUL 02 | 13.50 | 24 | 1729 | 299 | 2.14 | 2.49 | | 63.9 |
| JUL 07 | 12.75 | 24 | 1729 | 301 | 1.94 | 2.35 | | 58.3 |
| JUL 08 | 12.00 | 22 | 1719 | 265 | 2.01 | 2.41 | | 53.3 |
| JUL 09 | 12.75 | 24 | 1725 | 298 | 2.20 | 2.58 | | 65.5 |
| JUL 14 | 15.50 | 25 | 1722 | 324 | 2.80 | 3.34 | | 90.7 |
| JUL 16 | 16.20 | 26 | 1725 | 334 | 2.85 | 3.33 | | 95.3 |
| JUL 21 | 16.45 | 26 | 1721 | 323 | 3.43 | 4.16 | | 111 |
| JUL 23 | 17.30 | 27 | 1723 | 337 | 3.53 | 4.14 | | 119 |
| JUL 23 | 15.60 | 24 | 1724 | 322 | 3.62 | 4.13 | | 117 |
| JUL 28 | 16.25 | 24 | 1719 | 321 | 3.56 | 4.56 | | 114 |
| AUG 04 | 12.30 | 19 | 1703 | 242 | 3.53 | 4.60 | | 85.5 |
| AUG 05 | 11.00 | 15 | 1708 | 177 | 3.17 | 3.67 | | 56.1 |
| AUG 11 | 11.70 | 19 | 1692 | 241 | 3.13 | 3.91 | | 75.6 |
| AUG 18 | 10.95 | 18 | 1688 | 220 | 3.10 | 3.58 | | 68.4 |
| AUG 19 | 9.80 | 18 | 1697 | 214 | 3.16 | 3.56 | | 67.5 |
| AUG 25 | 11.30 | 19 | 1688 | 222 | 3.41 | 4.36 | | 75.7 |
| SEP 01 | 12.20 | 20 | 1694 | 234 | 3.41 | 4.12 | | 79.8 |
| SEP 02 | 10.35 | 19 | 1706 | 225 | 3.11 | 3.87 | | 70.1 |
| SEP 04 | 12.75 | 20 | 1696 | 245 | 3.05 | 3.47 | | 74.8 |
| SEP 15 | 12.10 | 20 | 1690 | 232 | 3.47 | 4.56 | | 80.6 |
| SEP 16 | 10.20 | 18 | 1710 | 222 | 3.32 | 3.97 | | 73.7 |
| SEP 22 | 10.45 | 18 | 1683 | 224 | 3.06 | 3.89 | | 68.5 |
| SEP 29 | 10.80 | 18 | 1683 | 223 | 3.18 | 3.94 | | 71.0 |
| SEP 30 | 9.80 | 17 | 1689 | 219 | 3.16 | 3.71 | | 69.3 |
| OCT 06 | 11.50 | 18 | 1690 | 229 | 3.06 | 3.89 | | 70.7 |
| OCT 13 | 10.35 | 18 | 1672 | 205 | 3.46 | 4.21 | | 71.0 |
| OCT 21 | 8.50 | 18 | 1678 | 200 | 3.75 | 4.69 | | 75.2 |
| OCT 22 | 9.75 | 18 | 1672 | 198 | 3.33 | 3.85 | | 66.1 |
| OCT 28 | 7.00 | 17 | 1696 | 145 | 2.80 | 3.37 | | 51.7 |
| NOV 04 | 7.80 | 16 | 1682 | 192 | 2.97 | 3.56 | | 57.0 |
| DEC 02 | 12.92 | 23 | 1726 | 315 | 0.85 | 1.22 | | 26.7 |
| DEC 08 | 13.65 | 25 | 1724 | 336 | 1.88 | 2.20 | | 63.2 |
| DEC 08 | 13.55 | 25 | 1725 | 340 | 2.60 | 3.82 | | 88.5 |
| DEC 15 | 14.00 | 25 | 1726 | 345 | 2.13 | 2.58 | | 73.3 |
| DEC 22 | 14.60 | 27 | 1728 | 358 | 1.91 | 2.38 | | 68.5 |
| DEC 29 | 21.77 | 34 | 1763 | 686 | 2.03 | 2.26 | | 98.5 |

DISCHARGE RANGE. 5.5 MILES DOWNSTREAM FROM OLD RIVER CONTROL STRUCTURE.
(STA. 0260011.)

GAGE. AUTOMATIC TYPE AT CONTROL STRUCTURE. ZERO, NGVD

ATCHAFALAYA RIVER BELOW WHISKEY RAY PILOT CHANNEL

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|-----|--------------|------|------|-------------|-------------|
| APR 14 | 13.56 | 28 | 616 | 119 | 2.16 | 2.80 | | 25.7 |
| MAY 02 | 14.45 | 31 | 617 | 131 | 2.14 | 2.70 | | 28.0 |
| MAY 16 | 8.08 | 25 | 571 | 43.5 | 1.55 | 1.90 | | 14.5 |
| MAY 30 | 6.16 | 23 | 561 | 45.9 | 1.04 | 1.30 | | 8.9 |

DISCHARGE RANGE. APPROXIMATELY 1 MILE BELOW JUNCTION WITH WHISKEY RAY

CONTINUED ON NEXT PAGE

ATCHAFALAYA RIVER BELOW WHISKEY BAY PILOT CHANNEL

CONTINUED

PILOT CHANNEL AT RANGE 5.
(STA. 0301012.)

GAGE. AUTOMATIC TYPE ON LEFT BANK ABOUT 0.4 MILE BELOW JUNCTION WITH
ATCHAFALAYA RIVER. ZERO, NGVD

ATCHAFALAYA RIVER AT SIMMESPORT, LA.

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1937 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| JAN 06 | 19.60 | 44 | 1915 | 656 | 3.75 | 4.57 | | 246 |
| JAN 09 | 18.55 | 43 | 1899 | 623 | 3.67 | 4.61 | | 229 |
| JAN 13 | 15.60 | 40 | 1885 | 572 | 3.43 | 4.09 | | 196 |
| JAN 16 | 14.87 | 40 | 1886 | 554 | 3.34 | 4.20 | | 185 |
| JAN 21 | 15.00 | 40 | 1882 | 559 | 3.22 | 4.07 | | 180 |
| JAN 23 | 14.34 | 39 | 1879 | 546 | 3.31 | 4.20 | | 180 |
| JAN 27 | 14.55 | 40 | 1880 | 561 | 3.38 | 4.30 | | 190 |
| JAN 30 | 16.33 | 41 | 1884 | 583 | 3.50 | 4.33 | | 204 |
| FEB 03 | 16.55 | 41 | 1881 | 597 | 3.54 | 4.44 | | 211 |
| FEB 06 | 15.05 | 40 | 1883 | 560 | 3.39 | 4.32 | | 190 |
| FEB 10 | 15.84 | 41 | 1889 | 587 | 3.50 | 4.41 | | 206 |
| FEB 13 | 16.43 | 40 | 1887 | 590 | 3.55 | 4.28 | | 209 |
| FEB 18 | 17.45 | 42 | 1891 | 616 | 3.72 | 4.71 | | 229 |
| FEB 20 | 18.40 | 41 | 1890 | 595 | 3.49 | 4.68 | | 208 |
| FEB 24 | 18.45 | 43 | 1901 | 633 | 3.80 | 4.81 | | 241 |
| FEB 27 | 19.83 | 44 | 1904 | 649 | 4.00 | 4.90 | | 260 |
| MAR 03 | 22.40 | 47 | 1919 | 715 | 4.12 | 5.15 | | 295 |
| MAR 06 | 26.25 | 52 | 1934 | 786 | 4.53 | 6.30 | | 356 |
| MAR 10 | 29.31 | 55 | 1947 | 847 | 4.80 | 6.50 | | 407 |
| MAR 13 | 30.22 | 58 | 1959 | 875 | 4.85 | 6.69 | | 424 |
| MAR 17 | 30.27 | 55 | 1964 | 866 | 4.69 | 6.32 | | 407 |
| MAR 20 | 29.65 | 56 | 1955 | 862 | 4.64 | 6.32 | | 400 |
| MAR 24 | 28.42 | 53 | 1946 | 826 | 4.52 | 6.05 | | 374 |
| MAR 27 | 28.90 | 50 | 1936 | 786 | 4.51 | 6.36 | | 354 |
| MAR 31 | 25.60 | 50 | 1929 | 763 | 4.22 | 5.79 | | 322 |
| APR 03 | 23.77 | 48 | 1924 | 719 | 4.08 | 5.43 | | 294 |
| APR 07 | 23.05 | 47 | 1920 | 705 | 4.15 | 5.48 | | 292 |
| APR 10 | 23.00 | 48 | 1920 | 711 | 4.01 | 5.37 | | 285 |
| APR 14 | 22.60 | 48 | 1921 | 685 | 4.02 | 5.26 | | 275 |
| APR 17 | 22.17 | 47 | 1916 | 681 | 4.03 | 5.46 | | 274 |
| APR 21 | 22.45 | 48 | 1919 | 688 | 4.13 | 5.50 | | 284 |
| APR 24 | 23.70 | 48 | 1924 | 717 | 4.15 | 5.46 | | 298 |
| APR 28 | 24.00 | 48 | 1924 | 721 | 4.21 | 5.52 | | 303 |
| MAY 01 | 24.00 | 48 | 1927 | 722 | 4.13 | 5.46 | | 298 |
| MAY 05 | 21.30 | 45 | 1910 | 671 | 3.85 | 4.84 | | 258 |
| MAY 08 | 19.20 | 43 | 1887 | 628 | 3.75 | 4.55 | | 236 |
| MAY 12 | 15.54 | 39 | 1884 | 558 | 3.61 | 4.65 | | 201 |
| MAY 15 | 13.67 | 37 | 1873 | 513 | 3.29 | 4.04 | | 169 |
| MAY 19 | 12.02 | 35 | 1866 | 493 | 3.18 | 4.00 | | 157 |
| MAY 22 | 9.87 | 33 | 1854 | 451 | 3.05 | 3.51 | | 137 |
| MAY 27 | 8.70 | 32 | 1849 | 431 | 2.97 | 3.56 | | 128 |
| MAY 29 | 9.50 | 33 | 1858 | 451 | 2.96 | 3.51 | | 134 |
| JUN 03 | 11.35 | 34 | 1863 | 475 | 3.23 | 3.89 | | 153 |
| JUN 04 | 14.68 | 36 | 1879 | 533 | 3.51 | 4.42 | | 187 |
| JUN 12 | 15.15 | 37 | 1883 | 549 | 3.49 | 4.33 | | 191 |
| JUN 16 | 14.87 | 38 | 1886 | 535 | 3.38 | 4.22 | | 181 |
| JUN 19 | 12.87 | 36 | 1873 | 509 | 3.23 | 4.06 | | 165 |
| JUN 23 | 11.81 | 34 | 1868 | 469 | 3.12 | 4.04 | | 146 |
| JUN 26 | 10.72 | 32 | 1860 | 459 | 2.99 | 3.66 | | 137 |
| JUN 30 | 9.70 | 32 | 1853 | 442 | 2.99 | 3.85 | | 132 |
| JUL 02 | 9.65 | 31 | 1852 | 438 | 3.01 | 3.84 | | 132 |
| JUL 07 | 9.25 | 31 | 1850 | 432 | 3.03 | 4.22 | | 131 |
| JUL 10 | 9.07 | 32 | 1852 | 445 | 2.87 | 3.49 | | 128 |

CONTINUED ON NEXT PAGE

ATCHAFALAYA RIVER AT SIMMESPORT, LA.

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CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | DISCHARGE | DISCHARGE |
| | | | | | | | | |
| 1967 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| JUL 14 | 10.65 | 33 | 1862 | 449 | 2.99 | 3.93 | | 140 |
| JUL 17 | 10.80 | 34 | 1853 | 460 | 3.05 | 3.67 | | 140 |
| JUL 21 | 10.30 | 34 | 1857 | 460 | 3.04 | 3.69 | | 140 |
| JUL 24 | 10.85 | 32 | 1866 | 432 | 3.17 | 4.06 | | 137 |
| JUL 28 | 9.87 | 32 | 1856 | 457 | 2.84 | 3.45 | | 130 |
| JUL 31 | 8.40 | 31 | 1843 | 427 | 2.60 | 3.47 | | 111 |
| AUG 04 | 6.17 | 29 | 1835 | 387 | 2.61 | 3.49 | | 101 |
| AUG 07 | 5.95 | 30 | 1832 | 392 | 2.56 | 3.22 | | 100 |
| AUG 11 | 6.17 | 30 | 1835 | 393 | 2.49 | 3.25 | | 97.9 |
| AUG 14 | 6.15 | 30 | 1835 | 388 | 3.00 | 3.47 | | 116 |
| AUG 18 | 5.25 | 30 | 1831 | 380 | 2.88 | 3.44 | | 110 |
| AUG 21 | 4.77 | 29 | 1824 | 369 | 2.16 | 2.77 | | 79.7 |
| AUG 25 | 5.15 | 29 | 1828 | 377 | 2.20 | 2.89 | | 82.9 |
| SEP 01 | 5.70 | 29 | 1834 | 394 | 2.37 | 3.07 | | 93.5 |
| SEP 04 | 4.95 | 31 | 1835 | 407 | 2.41 | 3.09 | | 98.4 |
| SEP 09 | 6.43 | 30 | 1839 | 398 | 2.43 | 3.22 | | 97.0 |
| SEP 11 | 6.65 | 31 | 1839 | 409 | 2.38 | 2.91 | | 97.3 |
| SEP 15 | 5.65 | 30 | 1936 | 403 | 2.33 | 3.49 | | 93.7 |
| SEP 18 | 5.35 | 29 | 1836 | 395 | 2.37 | 3.60 | | 93.4 |
| SEP 22 | 5.05 | 28 | 1823 | 385 | 2.12 | 2.69 | | 81.6 |
| SEP 25 | 5.45 | 30 | 1834 | 390 | 2.25 | 2.86 | | 87.8 |
| SEP 29 | 5.05 | 29 | 1831 | 377 | 2.15 | 2.85 | | 81.1 |
| OCT 02 | 5.65 | 31 | 1834 | 413 | 2.36 | 3.03 | | 97.3 |
| OCT 06 | 5.40 | 31 | 1834 | 410 | 2.52 | 3.22 | | 103 |
| OCT 09 | 4.85 | 30 | 1825 | 382 | 2.17 | 3.00 | | 83.0 |
| OCT 14 | 4.10 | 29 | 1818 | 373 | 1.95 | 2.76 | | 72.6 |
| OCT 20 | 3.70 | 28 | 1818 | 366 | 1.89 | 2.58 | | 69.3 |
| OCT 23 | 4.20 | 29 | 1820 | 372 | 2.00 | 2.72 | | 74.4 |
| OCT 27 | 3.65 | 30 | 1810 | 373 | 1.73 | 2.29 | | 64.5 |
| OCT 30 | 3.95 | 30 | 1816 | 377 | 1.75 | 2.33 | | 66.0 |
| NOV 03 | 3.80 | 37 | 1814 | 349 | 1.86 | 2.43 | | 72.4 |
| NOV 06 | 3.40 | 30 | 1810 | 365 | 1.83 | 2.38 | | 66.7 |
| NOV 10 | 4.20 | 30 | 1813 | 379 | 1.96 | 2.56 | | 74.2 |
| NOV 13 | 4.00 | 30 | 1820 | 376 | 2.19 | 3.34 | | 82.4 |
| NOV 17 | 10.30 | 37 | 1860 | 513 | 3.20 | 3.97 | | 164 |
| NOV 20 | 11.50 | 37 | 1867 | 519 | 3.18 | 4.09 | | 165 |
| NOV 24 | 12.15 | 36 | 1872 | 521 | 3.22 | 4.13 | | 168 |
| DEC 01 | 10.55 | 35 | 1865 | 494 | 3.10 | 4.04 | | 153 |
| DEC 04 | 10.45 | 36 | 1862 | 494 | 3.01 | 3.97 | | 149 |
| DEC 07 | 9.90 | 35 | 1857 | 474 | 2.90 | 3.75 | | 138 |
| DEC 10 | 10.75 | 35 | 1863 | 490 | 2.99 | 3.82 | | 147 |
| DEC 15 | 10.80 | 37 | 1872 | 517 | 2.93 | 3.86 | | 152 |
| DEC 18 | 10.10 | 36 | 1863 | 504 | 2.94 | 4.04 | | 148 |
| DEC 22 | 11.55 | 39 | 1841 | 529 | 3.14 | 4.02 | | 166 |
| DEC 29 | 18.75 | 44 | 1900 | 652 | 3.77 | 5.04 | | 246 |

DISCHARGE RANGE. DOWNSTREAM FROM KANSAS CITY SOUTHERN RAILROAD BRIDGE AT
MILE 8.2. (STA. 0304512.)

GAGE. AUTOMATIC TYPE ON BRIDGE (MILE 4.9). ZERO, NGVD

ATCHAFALAYA RIVER AT MILE 52.15 (1975)

| 1967 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|------|--------------|------|------|-------------|-------------|
| APR 18 | 13.60 | 83 | 1247 | 706 | 3.56 | 4.30 | | 251 |
| MAY 02 | 14.42 | 82 | 1254 | 706 | 3.59 | 4.20 | | 253 |
| MAY 16 | 8.12 | 78 | 1211 | 649 | 2.29 | 3.10 | | 149 |
| MAY 30 | 6.08 | 73 | 1204 | 618 | 2.09 | 2.60 | | 129 |

DISCHARGE RANGE. APPROXIMATELY 1 3/4 MILES ABOVE WHISKEY HAY PILOT

CONTINUED ON NEXT PAGE

ATCHAFALAYA RIVER AT MILE 52.15 (1975)

CONTINUED

CHANNEL AT RANGE 621.
(SAT. 0320012.)

GAGE. AUTOMATIC TYPE ON LEFT BANK ABOUT 0.4 MILE BELOW JUNCTION WITH
ATCHAFALAYA RIVER. ZERO, NGVD

WHISKEY BAY PILOT CHANNEL AT MILE 54.60 (1975)

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
| APR 18 | 13.58 | 83 | 1043 | 567 | 3.71 | 4.50 | | 210 |
| MAY 02 | 14.44 | 87 | 1044 | 566 | 3.78 | 4.40 | | 214 |
| MAY 16 | 8.10 | 78 | 1004 | 514 | 2.48 | 3.30 | | 128 |
| MAY 30 | 6.12 | 76 | 998 | 501 | 2.30 | 2.60 | | 115 |

DISCHARGE RANGE. APPROXIMATELY 1/2 MILE BELOW HEAD OF WHISKEY BAY PILOT
CHANNEL AT RANGE 35+00.
(STA. 0323012.)

GAGE. AUTOMATIC TYPE ON LEFT BANK ABOUT 0.4 MILES BELOW JUNCTION WITH
ATCHAFALAYA RIVER. ZERO, NGVD

BAYOU CHENE BELOW BAYOU CROOK CHENE (LA.)

| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
|--------|-------|----|-----|-------|------|------|-----|------|
| JAN 07 | 10.90 | 12 | 190 | 1418 | 1.39 | 1.70 | | 1970 |
| JAN 14 | 8.75 | 10 | 169 | 1037 | 0.79 | 1.00 | | 815 |
| JAN 21 | 8.60 | 10 | 168 | 1037 | 0.92 | 1.20 | | 950 |
| FEB 05 | 8.78 | 11 | 172 | 1049 | 1.08 | 1.40 | | 1155 |
| FEB 12 | 8.78 | 11 | 172 | 1049 | 1.38 | 1.70 | | 1447 |
| FEB 18 | 9.35 | 11 | 175 | 1153 | 1.41 | 1.80 | | 1620 |
| FEB 25 | 10.15 | 12 | 183 | 1293 | 1.58 | 1.80 | | 2049 |
| MAR 05 | 12.45 | 14 | 220 | 1744 | 2.12 | 2.70 | | 3744 |
| MAR 12 | 14.60 | 16 | 228 | 2237 | 2.35 | 2.80 | | 5250 |
| MAR 19 | 15.12 | 16 | 238 | 2192 | 2.24 | 2.70 | | 4917 |
| MAR 27 | 13.94 | 15 | 230 | 1938 | 1.98 | 2.00 | | 3846 |
| APR 01 | 13.12 | 14 | 222 | 1731 | 1.60 | 2.00 | | 2777 |
| APR 09 | 11.89 | 13 | 190 | 1500 | 1.55 | 1.90 | | 2326 |
| APR 16 | 11.62 | 13 | 184 | 1450 | 1.61 | 1.90 | | 2326 |
| APR 23 | 11.53 | 13 | 182 | 1424 | 1.95 | 2.30 | | 2776 |
| MAY 01 | 11.97 | 14 | 185 | 1553 | 1.59 | 2.10 | | 2470 |
| MAY 13 | 8.45 | 10 | 148 | 951 | 0.59 | 0.70 | | 564 |
| MAY 20 | 6.60 | 8 | 132 | 691 | 0.67 | 0.80 | | 462 |
| MAY 28 | 5.96 | 8 | 124 | 623 | 1.23 | 1.50 | | 768 |
| JUN 04 | 6.30 | 7 | 128 | 633 | 1.15 | 1.40 | | 727 |
| JUN 11 | 8.15 | 9 | 156 | 891 | 1.84 | 2.30 | | 1636 |
| JUN 26 | 6.32 | 7 | 124 | 599 | 1.12 | 1.30 | | 669 |
| JUL 02 | 5.92 | 6 | 118 | 523 | 1.14 | 1.30 | | 594 |
| JUL 07 | 5.90 | 6 | 118 | 513 | 1.38 | 1.60 | | 709 |
| JUL 15 | 5.95 | 6 | 118 | 495 | 1.16 | 1.50 | | 572 |
| JUL 23 | 6.38 | 7 | 126 | 579 | 1.34 | 1.70 | | 778 |
| AUG 04 | 4.55 | 6 | 100 | 345 | 0.93 | 1.20 | | 357 |
| AUG 13 | 4.45 | 6 | 98 | 364 | 0.90 | 1.10 | | 329 |
| AUG 18 | 4.25 | 5 | 95 | 356 | 0.74 | 1.00 | | 265 |
| AUG 25 | 4.18 | 5 | 95 | 351 | 0.83 | 1.10 | | 292 |
| SEP 03 | 4.30 | 5 | 96 | 351 | 0.78 | 1.00 | | 273 |
| SEP 11 | 4.83 | 6 | 104 | 422 | 0.85 | 1.10 | | 360 |
| SEP 17 | 4.70 | 6 | 104 | 417 | 0.64 | 0.90 | | 268 |
| SEP 23 | 3.80 | 5 | 82 | 289 | 0.38 | 0.60 | | 110 |
| OCT 23 | 3.75 | 5 | 87 | 271 | 0.46 | 0.70 | | 124 |

CONTINUED ON NEXT PAGE.

BAYOU CHENE BELOW BAYOU CROOK CHENE (LA.)

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CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|-------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
| OCT 29 | 3.75 | 4 | 87 | 271 | 0.33 | 0.50 | | 90.0 |
| NOV 03 | 3.50 | 4 | 87 | 271 | 0.28 | 0.40 | | 77.0 |
| NOV 12 | 2.70 | 3 | 76 | 190 | 0.38 | 0.60 | | 71.1 |
| NOV 18 | 6.30 | 8 | 126 | 594 | 1.28 | 1.60 | | 759 |
| DEC 02 | 6.25 | 8 | 126 | 594 | 1.19 | 1.50 | | 709 |
| DEC 11 | 6.55 | 8 | 318 | 1727 | 1.20 | 1.50 | | 2078 |
| DEC 16 | 6.18 | 7 | 132 | 553 | 1.08 | 1.40 | | 600 |
| DEC 29 | 7.85 | 11 | 163 | 991 | 2.04 | 2.40 | | 2018 |

DIRECTION OF FLOW, NORTH.

PRIOR TO APP. 13, 1975, DISCHARGE GAGE WAS LOCATED 1000 FEET DOWNSTREAM
FROM JUNCTION WITH BAYOU CROOK CHENE.DISCHARGE RANGE, 600 FEET DOWNSTREAM FROM JUNCTION WITH BAYOU CROOK CHENE.
(STA. 0340512.)GAGE, BIG BAYOU CHENE ABOVE LAKE CHICOT. STAFF TYPE AT MILE 77.9. ZERO,
NGVD

WAX LAKE OUTLET AT CALUMET, LA.

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|------|----|-----|--------------|------|-----|-------------|-------------|
| JAN 22 | 2.59 | | 752 | 339 | 2.45 | | | 83.1 |
| FEB 17 | 2.68 | | 752 | 332 | 3.02 | | | 95.1 |
| MAR 23 | 5.44 | | 752 | 346 | 3.78 | | | 157 |
| APR 22 | 3.50 | | 752 | 342 | 3.54 | | | 121 |
| MAY 19 | 2.82 | | 752 | 341 | 1.38 | | | 54.0 |
| JUN 16 | 2.94 | | 752 | 341 | 2.37 | | | 80.9 |
| JUL 27 | 2.25 | | 752 | 336 | 1.82 | | | 61.0 |
| AUG 18 | 1.40 | | 752 | 331 | 1.29 | | | 42.8 |
| SEP 01 | 1.63 | | 752 | 338 | 1.45 | | | 49.0 |
| OCT 20 | 1.19 | | 747 | 329 | 1.06 | | | 35.0 |
| NOV 23 | 1.75 | | 752 | 320 | 2.46 | | | 78.7 |
| DEC 15 | 1.50 | | 747 | 333 | 2.17 | | | 72.5 |

MEASUREMENTS TAKEN BY U.S. GEOLOGICAL SURVEY.

DISCHARGE RANGE, MILE 111.67, 1350 FT. DOWNSTREAM FROM U.S. HIGHWAY 90
BRIDGE. (STA. 0372010.)GAGE, AUTOMATIC TYPE, DOWNSTREAM END OF EAST CALUMET FLOODGATE.
ZERO, -0.14 FOOT, NGVD

LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.

| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS |
|--------|-------|----|------|--------------|------|-----|-------------|-------------|
| JAN 23 | 2.16 | | 1820 | 558 | 1.98 | | | 115 |
| FEB 14 | 2.25 | | 1820 | 565 | 2.04 | | | 115 |
| MAR 26 | 4.66 | | 1820 | 639 | 3.65 | | | 233 |
| APR 23 | 3.02 | | 1820 | 549 | 3.35 | | | 184 |
| MAY 20 | 2.09 | | 1820 | 541 | 1.48 | | | 89.6 |
| JUN 17 | 2.64 | | 1820 | 574 | 2.16 | | | 124 |
| AUG 19 | 1.75 | | 1820 | 602 | 0.97 | | | 58.4 |
| SEP 02 | 1.42 | | 1820 | 573 | 1.19 | | | 68.3 |
| OCT 21 | -0.13 | | 1820 | 523 | 1.63 | | | 85.1 |
| NOV 24 | 2.14 | | 1820 | 575 | 2.36 | | | 136 |
| DEC 16 | 1.15 | | 1820 | 576 | 2.06 | | | 119 |

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LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.

CONTINUED

MEASUREMENTS TAKEN BY U.S. GEOLOGICAL SURVEY.

DISCHARGE RANGE. MILE 117.4, 1300 FEET UPSTREAM FROM U.S. HIGHWAY 90 BRIDGE. (STA. 0378010.)

GAGE. AUTOMATIC TYPE, 400 FEET DOWNSTREAM FROM BRIDGE. ZERO, NGVD

RED RIVER ABOVE OLD RIVER OUTFLOW CHANNEL (LA.)

DISCHARGE OBSERVATIONS

| | | | M A I N C H A N N E L | | OVERBANK | | TOTAL |
|--------|----------------------|------------------|-----------------------|--------------|---------------------------------|-----------|-------------|
| DATE | MEAN GAGE READING | MAXIMUM DEPTH | WIDTH | ARFA | VELOCITIES MEAN MAXIMUM | DISCHARGE | DISCHARGE |
| 1987 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS |
| JAN 07 | 21.20 | 59 | 950 | 300 | 3.95 | 4.98 | 119 |
| FEB 04 | 17.70 | 59 | 943 | 277 | 2.82 | 3.56 | 78.2 |
| FEB 25 | 20.25 | 58 | 945 | 291 | 5.88 | 7.14 | 171 |
| MAR 04 | 25.65 | 66 | 992 | 357 | 5.75 | 7.67 | 205 |
| MAR 18 | 32.35 | 73 | 1089 | 454 | 4.30 | 5.59 | 195 |
| APR 01 | 27.05 | 75 | 1000 | 404 | 4.84 | 6.80 | 195 |
| APR 15 | 24.20 | 70 | 973 | 375 | 2.82 | 3.60 | 106 |
| APR 29 | 26.20 | 70 | 997 | 400 | 0.87 | 1.32 | 34.7 |
| MAY 13 | 15.93 | 60 | 929 | 288 | 1.01 | 1.46 | 29.1 |
| JUN 10 | 16.60 | 63 | 926 | 287 | 2.38 | 3.22 | 68.2 |
| JUN 24 | 12.78 | 58 | 859 | 257 | 2.93 | 4.38 | 75.5 |
| JUL 08 | 10.60 | 52 | 818 | 221 | 3.16 | 3.98 | 69.8 |
| JUL 23 | 12.29 | 50 | 854 | 220 | 1.53 | 1.99 | 33.7 |
| AUG 05 | 7.55 | 45 | 771 | 177 | 1.40 | 1.88 | 24.8 |
| AUG 19 | 6.20 | 46 | 744 | 192 | 1.29 | 1.84 | 24.8 |
| SEP 02 | 6.55 | 48 | 760 | 203 | 0.95 | 1.51 | 19.3 |
| SEP 16 | 6.65 | 47 | 750 | 199 | 0.99 | 1.50 | 19.8 |
| SEP 30 | 6.50 | 47 | 752 | 199 | 0.96 | 1.44 | 19.1 |
| OCT 21 | 5.00 | 45 | 724 | 175 | 0.92 | 1.15 | 16.0 |
| OCT 28 | 4.20 | 46 | 713 | 176 | 0.77 | 1.13 | 13.5 |
| NOV 04 | 4.70 | 46 | 725 | 164 | 0.58 | 0.68 | 9.4 |
| DEC 02 | 12.44 | 64 | 926 | 287 | 4.79 | 7.32 | 138 |
| DEC 08 | 12.50 | 62 | 917 | 319 | 4.99 | 7.32 | 159 |

DISCHARGE RANGE. 2.5 MILES UPSTREAM FROM OUTFLOW CHANNEL. (STA. 0480011.)

GAGE. ATCHAFALAYA RIVER AT BARBRE LANDING. STAFF TYPE, OPPOSITE MOUTH OF RED RIVER AT HEAD OF ATCHAFALAYA RIVER. ZERO, NGVD

LAKE LONG BELOW BAYOU LA ROMPE (LA.)

| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
|--------|-------|----|-----|-------|------|------|-----|-------|
| JAN 07 | 11.11 | 39 | 410 | 7575 | 1.58 | 1.80 | | 11988 |
| JAN 14 | 8.85 | 36 | 400 | 6925 | 1.06 | 1.30 | | 7351 |
| JAN 21 | 8.72 | 34 | 401 | 6692 | 1.21 | 1.40 | | 8091 |
| FEB 05 | 8.88 | 38 | 393 | 6862 | 1.27 | 1.50 | | 8698 |
| FEB 12 | 8.89 | 37 | 393 | 6812 | 1.32 | 1.60 | | 8969 |
| FEB 18 | 9.55 | 38 | 397 | 6891 | 1.53 | 1.80 | | 10561 |
| FEB 25 | 10.45 | 39 | 402 | 7370 | 1.63 | 1.90 | | 12001 |
| MAR 05 | 13.10 | 40 | 420 | 8343 | 2.25 | 2.80 | | 18723 |
| MAR 12 | 15.60 | 43 | 435 | 9435 | 2.88 | 3.10 | | 25253 |
| MAR 19 | 16.12 | 43 | 455 | 9585 | 2.60 | 3.00 | | 24923 |
| MAR 27 | 14.65 | 42 | 486 | 8979 | 2.18 | 2.40 | | 19218 |
| APR 01 | 13.68 | 41 | 437 | 8472 | 1.79 | 2.20 | | 15192 |
| APR 09 | 12.40 | 40 | 428 | 7959 | 1.65 | 1.90 | | 13139 |
| APR 16 | 12.72 | 40 | 425 | 7868 | 1.76 | 2.00 | | 13861 |
| APR 23 | 11.49 | 39 | 424 | 7768 | 1.98 | 2.40 | | 15379 |
| MAY 01 | 12.45 | 40 | 430 | 7997 | 2.00 | 2.40 | | 15979 |

CONTINUED ON NEXT PAGE

LAKE LONG BELOW BAYOU LA ROMPE (LA.)

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CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|-------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
| MAY 13 | 8.40 | 36 | 380 | 6680 | 1.02 | 1.20 | | 6778 |
| MAY 20 | 6.30 | 35 | 365 | 5928 | 0.86 | 1.10 | | 5104 |
| MAY 28 | 5.25 | 34 | 359 | 5623 | 0.84 | 1.00 | | 4700 |
| JUN 04 | 5.96 | 35 | 364 | 5741 | 0.94 | 1.10 | | 5418 |
| JUN 11 | 7.98 | 36 | 379 | 6474 | 1.72 | 2.00 | | 11141 |
| JUN 26 | 5.88 | 34 | 362 | 5469 | 0.99 | 1.10 | | 5432 |
| JUL 02 | 5.40 | 33 | 368 | 5570 | 1.04 | 1.30 | | 5800 |
| JUL 07 | 5.20 | 32 | 365 | 5355 | 1.06 | 1.20 | | 5658 |
| JUL 15 | 5.60 | 33 | 357 | 5491 | 0.97 | 1.20 | | 5326 |
| JUL 23 | 5.80 | 34 | 363 | 5517 | 1.02 | 1.20 | | 5604 |
| AUG 04 | 3.80 | 32 | 348 | 4797 | 0.77 | 1.00 | | 3695 |
| AUG 13 | 3.70 | 31 | 345 | 4778 | 0.61 | 0.70 | | 2911 |
| AUG 18 | 3.44 | 31 | 343 | 4815 | 0.59 | 0.70 | | 2846 |
| AUG 25 | 3.30 | 32 | 342 | 4798 | 0.65 | 0.80 | | 3126 |
| SEP 03 | 3.45 | 32 | 343 | 4694 | 0.64 | 0.80 | | 3017 |
| SEP 11 | 4.00 | 32 | 351 | 5014 | 0.69 | 0.80 | | 3439 |
| SEP 17 | 3.87 | 32 | 351 | 4949 | 0.50 | 0.70 | | 2471 |
| SEP 23 | 2.80 | 30 | 338 | 4553 | 0.53 | 0.60 | | 2425 |
| OCT 23 | 3.00 | 30 | 339 | 4521 | 0.79 | 1.00 | | 3559 |
| OCT 29 | 2.82 | 31 | 338 | 4619 | 0.49 | 0.60 | | 2244 |
| NOV 03 | 2.82 | 31 | 343 | 4657 | 0.56 | 0.80 | | 2609 |
| NOV 12 | 2.05 | 30 | 335 | 4330 | 0.55 | 0.70 | | 2396 |
| NOV 18 | 5.95 | 33 | 376 | 5801 | 1.13 | 1.50 | | 6532 |
| DEC 02 | 5.91 | 33 | 376 | 5801 | 1.14 | 1.50 | | 6601 |
| DEC 11 | 6.24 | 34 | 1233 | 19051 | 1.01 | 1.20 | | 19230 |
| DEC 16 | 5.82 | 34 | 372 | 5639 | 1.05 | 1.20 | | 5904 |
| DEC 29 | 9.50 | 38 | 390 | 7040 | 2.02 | 2.30 | | 14203 |

DISCHARGE RANGE, 1000 FEET DOWNSTREAM FROM JUNCTION WITH BAYOU LA ROMPE
(STA. 4930012.)

GAGE, AUTOMATIC TYPE AT BAYOU LA ROMPE AT LAKE LONG (LA.) ZERO, NGVD

LITTLE TENSAS BAYOU BELOW BLIND TENSAS CUT (LA.)

| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
|--------|-------|----|-----|-------|------|------|-----|-------|
| JAN 07 | 10.50 | 25 | 210 | 2445 | 1.43 | 1.70 | | 4137 |
| JAN 14 | 8.25 | 22 | 194 | 2422 | 0.89 | 1.10 | | 2161 |
| JAN 21 | 8.12 | 22 | 190 | 2444 | 0.92 | 1.10 | | 2268 |
| FEB 05 | 8.25 | 22 | 193 | 2395 | 1.00 | 1.30 | | 2387 |
| FEB 12 | 8.24 | 22 | 193 | 2425 | 1.19 | 1.40 | | 2879 |
| FEB 13 | 8.93 | 23 | 196 | 2563 | 1.37 | 1.70 | | 3507 |
| FEB 25 | 9.74 | 23 | 204 | 2727 | 1.61 | 1.90 | | 4386 |
| MAR 05 | 12.45 | 26 | 214 | 3156 | 2.50 | 3.00 | | 7883 |
| MAR 12 | 14.70 | 29 | 225 | 3878 | 2.92 | 3.70 | | 11336 |
| MAR 19 | 15.22 | 29 | 227 | 3911 | 3.09 | 3.90 | | 12068 |
| MAR 27 | 13.95 | 28 | 223 | 3599 | 2.18 | 2.70 | | 7832 |
| APR 01 | 12.98 | 26 | 218 | 3395 | 1.74 | 2.10 | | 5895 |
| APR 09 | 11.80 | 26 | 213 | 3146 | 1.55 | 2.00 | | 4937 |
| APR 16 | 11.42 | 25 | 210 | 3021 | 1.60 | 2.10 | | 4835 |
| APR 23 | 11.33 | 25 | 212 | 3065 | 2.06 | 2.40 | | 6312 |
| MAY 01 | 11.90 | 25 | 216 | 3122 | 2.04 | 2.80 | | 6365 |
| MAY 13 | 7.80 | 22 | 195 | 2350 | 0.81 | 1.10 | | 1908 |
| MAY 20 | 5.78 | 20 | 151 | 1939 | 1.00 | 1.20 | | 1936 |
| MAY 28 | 5.00 | 20 | 146 | 1849 | 1.13 | 1.30 | | 2085 |
| JUN 04 | 5.49 | 20 | 146 | 1857 | 1.21 | 1.30 | | 2246 |
| JUN 26 | 5.48 | 19 | 147 | 1754 | 1.04 | 1.20 | | 1822 |
| JUL 02 | 5.00 | 19 | 141 | 1641 | 1.07 | 1.30 | | 1760 |
| JUL 07 | 4.95 | 19 | 142 | 1627 | 1.31 | 1.70 | | 2138 |
| JUL 15 | 5.20 | 19 | 145 | 1638 | 1.20 | 1.60 | | 1973 |
| JUL 23 | 5.44 | 19 | 144 | 1716 | 1.23 | 1.40 | | 2116 |
| AUG 04 | 3.45 | 17 | 132 | 1413 | 0.93 | 1.10 | | 1309 |
| AUG 13 | 3.42 | 17 | 132 | 1423 | 0.78 | 1.00 | | 1107 |
| AUG 18 | 3.10 | 17 | 131 | 1390 | 0.70 | 0.90 | | 972 |
| AUG 25 | 3.15 | 17 | 132 | 1424 | 0.70 | 0.90 | | 1004 |

CONTINUED ON NEXT PAGE

LITTLE TENBAS BAYOU BELOW BLIND TENBAS CUT (LA.)

CONTINUED

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | VELOCITIES | | OVERBANK DISCHARGE | TOTAL DISCHARGE |
|--------|----------------------|------------------|-----------------------|-------|------------|---------|-----------------------|--------------------|
| | | | WIDTH | AREA | MEAN | MAXIMUM | | |
| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
| SEP 03 | 3.15 | 17 | 132 | 1386 | 0.76 | 0.90 | | 1058 |
| SEP 11 | 3.70 | 18 | 146 | 1522 | 1.05 | 1.30 | | 1595 |
| SEP 17 | 3.47 | 17 | 142 | 1478 | 0.74 | 0.90 | | 1101 |
| SEP 23 | 2.46 | 16 | 130 | 1322 | 0.60 | 0.70 | | 799 |
| OCT 23 | 2.48 | 17 | 129 | 1329 | 0.67 | 0.90 | | 889 |
| OCT 29 | 2.35 | 17 | 127 | 1421 | 0.59 | 0.80 | | 841 |
| NOV 03 | 2.27 | 17 | 125 | 1354 | 0.48 | 0.70 | | 651 |
| NOV 12 | 1.68 | 16 | 121 | 1223 | 0.72 | 0.90 | | 876 |
| NOV 18 | 5.48 | 20 | 149 | 1763 | 1.44 | 2.00 | | 2532 |
| DEC 02 | 5.38 | 20 | 149 | 1763 | 1.37 | 1.70 | | 2414 |
| DEC 11 | 5.68 | 20 | 505 | 5831 | 1.33 | 1.60 | | 7776 |
| DEC 16 | 5.25 | 19 | 148 | 1757 | 1.20 | 1.40 | | 2116 |
| DEC 29 | 8.98 | 23 | 192 | 2344 | 2.04 | 2.60 | | 4776 |

DIRECTION OF FLOW, NORTH.

DISCHARGE RANGE, 1500 FEET DOWNSTREAM FROM JUNCTION WITH BLIND TENBAS CUT.
(STA. 4945012.)GAGE, AUTOMATIC TYPE AT BLIND TENBAS CUT BELOW UPPER GRAND RIVER (LA.)
ZERO, NGVD

ATCHAFALAYA BASIN EAST ACCESS CHANNEL ABOVE LAKE CHICOT (LA.)

| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
|--------|-------|----|-----|-------|------|------|-----|-------|
| JAN 07 | 10.79 | 24 | 221 | 3305 | 1.95 | 2.40 | | 6459 |
| JAN 14 | 8.75 | 22 | 209 | 2847 | 1.28 | 1.60 | | 3644 |
| JAN 21 | 8.60 | 22 | 210 | 2958 | 1.35 | 1.60 | | 3992 |
| FEB 05 | 8.78 | 21 | 209 | 2836 | 1.47 | 1.70 | | 4169 |
| FEB 12 | 8.78 | 21 | 210 | 2846 | 1.67 | 2.00 | | 4762 |
| FEB 18 | 9.35 | 22 | 220 | 3010 | 1.71 | 2.10 | | 5144 |
| FEB 25 | 10.15 | 23 | 226 | 3203 | 1.90 | 2.10 | | 6096 |
| MAR 05 | 12.45 | 25 | 252 | 4165 | 2.45 | 3.30 | | 11858 |
| MAR 12 | 14.60 | 27 | 248 | 4297 | 3.11 | 4.20 | | 13368 |
| MAR 19 | 15.12 | 27 | 245 | 4338 | 3.07 | 3.60 | | 13327 |
| MAR 27 | 13.98 | 26 | 239 | 4059 | 2.64 | 3.30 | | 10697 |
| APR 01 | 13.12 | 25 | 229 | 3875 | 2.23 | 2.70 | | 8651 |
| APR 09 | 11.89 | 25 | 213 | 3583 | 2.10 | 2.60 | | 7541 |
| APR 16 | 11.62 | 25 | 212 | 3592 | 2.06 | 2.50 | | 7331 |
| APR 23 | 11.53 | 24 | 211 | 3511 | 2.37 | 2.80 | | 8321 |
| MAY 01 | 11.97 | 25 | 214 | 3614 | 2.01 | 2.60 | | 7273 |
| MAY 13 | 8.45 | 22 | 197 | 3044 | 1.08 | 1.30 | | 3304 |
| MAY 20 | 6.60 | 20 | 188 | 2735 | 1.04 | 1.20 | | 2841 |
| MAY 28 | 5.96 | 19 | 184 | 2612 | 1.20 | 1.50 | | 3147 |
| JUN 04 | 6.30 | 19 | 188 | 2624 | 1.30 | 1.50 | | 3399 |
| JUN 11 | 8.15 | 21 | 198 | 2925 | 1.77 | 2.20 | | 5164 |
| JUN 26 | 6.32 | 19 | 189 | 2539 | 1.16 | 1.40 | | 2939 |
| JUL 02 | 5.92 | 18 | 175 | 2321 | 1.00 | 1.20 | | 2321 |
| JUL 07 | 5.90 | 18 | 175 | 2336 | 1.42 | 1.80 | | 3322 |
| JUL 15 | 5.95 | 19 | 178 | 2403 | 1.36 | 1.70 | | 3263 |
| JUL 23 | 6.38 | 19 | 189 | 2505 | 1.38 | 1.70 | | 3452 |
| AUG 04 | 4.55 | 17 | 174 | 2173 | 1.05 | 1.30 | | 2283 |
| AUG 13 | 4.45 | 17 | 172 | 2181 | 1.00 | 1.20 | | 2190 |
| AUG 18 | 4.25 | 17 | 170 | 2105 | 0.87 | 1.00 | | 1821 |
| AUG 25 | 4.18 | 17 | 169 | 2142 | 1.04 | 1.30 | | 2234 |
| SEP 03 | 4.30 | 17 | 168 | 2118 | 0.94 | 1.20 | | 1994 |
| SEP 11 | 4.82 | 18 | 177 | 2314 | 1.05 | 1.30 | | 2424 |
| SEP 17 | 4.70 | 18 | 177 | 2232 | 1.00 | 1.30 | | 2235 |
| SEP 23 | 3.80 | 16 | 166 | 2045 | 0.80 | 1.00 | | 1636 |
| OCT 23 | 3.75 | 17 | 166 | 2083 | 0.86 | 1.10 | | 1788 |
| OCT 29 | 3.75 | 17 | 166 | 2053 | 0.72 | 0.90 | | 1485 |
| NOV 03 | 3.50 | 17 | 166 | 2145 | 0.56 | 0.90 | | 1205 |
| NOV 12 | 2.7 | 17 | 160 | 2081 | 0.67 | 0.90 | | 1376 |
| NOV 18 | 6.3 | 19 | 194 | 2611 | 1.40 | 1.80 | | 3646 |
| DEC 02 | 6.25 | 19 | 194 | 2611 | 1.30 | 1.70 | | 3399 |

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DISCHARGE OBSERVATIONS

| | | | M A I N C H A N N E L | | OVERBANK | | TOTAL | |
|--------|----------------------|------------------|-----------------------|-------|---------------------------------|------|-----------|-----------|
| DATE | MEAN GAGE READING | MAXIMUM DEPTH | WIDTH | AREA | VELOCITIES MEAN MAXIMUM | | DISCHARGE | DISCHARGE |
| 1987 | FT | FT | FT | SQ FT | FPS | FPS | CFS | CFS |
| DEC 11 | 6.55 | 19 | 630 | 8458 | 1.45 | 1.70 | | 12248 |
| DEC 16 | 6.18 | 18 | 190 | 2448 | 1.30 | 1.50 | | 3181 |
| DEC 29 | 7.85 | 22 | 201 | 3100 | 2.10 | 2.70 | | 6520 |
| JUN 09 | 14.68 | 36 | 1879 | 53276 | 3.51 | 4.42 | | 186779 |

DIRECTION OF FLOW, EAST.

DISCHARGE RANGE. 1700 FEET ABOVE LAKE CHICOT. (STA. 4959009.)

GAGE. STAFF TYPE, RANGE 15. ZERO, NGVD

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